Magazin - Exemplar

R SERIES

R9 - Translation of The Siemens Teleprinter 68.
R22 - Translation. Demonstrably secure cipher system with simultaneous encipherment of a number of text elements.
R148 - „Geheim! Merkblatt ungarn.“ „Fliegertruppe und flakartillerie“. 1 June 1939.
R151 - Original booklet. „Besondersheiten des Britischen kampfuerfahrens“. Manual of British military procedure.
R159 - Loose papers in folder. Description of aircraft components.
R161 - Original booklet. „Collegamenta per l'Aerocooperazione.“ Links for air-cooperation. Rome 1939 Italian. Received from N.S.VI.
R162 - Original booklet (falling apart). „Addestramento dell 'esercito nel medio oriente manuale N.1 (Tradizione dall'Inglese del Reglomento). Official translation from English into Italian of army training in the Middle East. In 3 parts: Defence against air-borne troops, note on German air brne troops, employment of parachute troops, Sept 194 **[1944 ?]**. Received from N.S.VI.
R163 - Original booklet. „Addestamento to dea la fanteria.“ Manual of Italian Infantry Drill dated 1929. Received from N.S.VI.
R164 - Original booklet. „Instruzione provisiona sulle bombe a mano S.R.C.M. - BREDA - O.T.O. Mod 35.“ Provisional instruction for bombs types S.R.C.M., Breda, O.T.O. Mod 35 , dated 1939. Received from N.S.VI.
R165 - „Profili di velnoli nemici.“ Diagrams of enemy ie British & American aircraft, and list of principal characterisitics. Dated August 1942. (Italian) Received from N.S.VI. Original booklet.
R166 - Loose papers in folder. Industrial reports.
R168 - Loose papes in folder. „Industrial reports“.
R169 - Papers in envelope. Regulations for testing aircraft issued by Heinkel works with diagrams, tables of oil pressure etc at various heights, and temperature graphs etc. Various dates 1935-36. Received from N.S.VI. (Germany).
R170 - „Aufgaben des werkes wenzendorf seit 1939". Lists of aircraft types under 2 headings 'Alterations ' and 'New' designs and be yeach aircraft type an account of what developments & production figures were with pencil notes. May 15 1944. Received from N.S.VI. (Germany).
R171 - A memorandum on the necessity for regular production estimates and production figures for aircraft and aircraft parts, BLOHM & VOSS. Dated Sept '44. Received from N.S. VI. (Germany).
R172 - Correspondence and reports on a test flight. Dated 1 July 1944. Received from NSVI (Germany).
R173 - File of TP messages sent by BLOHM & VOSS at approx 10 day intervals between 28 Feb 1943 & 30.12. 1943 giving deatils of development of certain aircraft. Dated Feb & Dec 1943. Received from N.S.VI. (Germany).
R174 - „Musterflugzeuge“. (Envelope sealed) Detailed instructions for testing specimen aircaft with notes on inspections to be carried out regulations as to climbing tests, speed tests, delievery and so on. Undated. Received from N.S.VI. (Germany).
R175 - „Niederschrift uber Musterprufung schul-fz 262 B1 am 18 und 19 Juli 1944 bei B & V.“ Notes on test of Messerschmidt training aircraft held at Blohm & Voss works on 18th and 19th July 1944. Received from N.S.VI. (Germany).

R177 - „Fertigurmitelnormen - ubersicht zuden Normen fur werkzeuge, vorrichturgen, pruf -

und mess gerate, werkzeugmaschinen.“ A synopsis of norms for tools, mechanisms, testing and measuring equipment and machine tools, with an index and large scale diagram of each item. Dated June 1943. Received from N.S. VI. (Germany).

R178 - „Zur Entwicklung von stahlpumpen“. Report of investigations and experiments carried out to develop a jet pump - with diagrams. Dated 4.7.44. Received from N.S.VI. (Germany).

R179 - „Hochgeschwindigkeits-wind kanal“. Results of various aircraft tests performed in wind-tunnel with graphs, and a pamphlet on High Speed wind tunnel at the Hermann Goting Research Station. Dated 1944 & 43 respectively. Received from N.S.VI. (Germany).

R180 - File of circulars from Minister of war production rationalising aircrft production with instructions how to use a patent duplicating material. Dated Feb 1943 - March 1945. Received from N.S. (German).

R185 - File of TP message and tels between various aircraft firms on supply, tansport and use of tools such as stencils and gauges, and other subjects. Dated 1944-45. Received from N.S.VI (Germany).

R187 - „Technische lieferbedingunge fur Betriebsmittel des flugzeugzelen - baues.“ Technical specifications for various tool sused in airframe construction, e.g. gauges, stencils etc. Dated 1 April 1942. Received from N.S. VI (Germany).

R188 - List of requirements and tasks whose fulfilment is necessary to the aircraft construction programme - also a delivery list of tail assemblies, stabilisers etc. With pencil notes. Dated 1944. Received from N.S.VI (Germany).

R521 - „Registro delle coie - IU 45". Disposal register of copies of designs, 1943.

R522 - „Classario del capo reparto“. Entries listing various types of bomb sites and other Italian aeronautical inventions; also a letter re the construction of models of D14 stabiliser „ci“.

R523 - „Stabiliziatore ‘Ci’“. Italian technical designs for the „ci“ stabiliser, dated 22nd May 1944. (X2).

R524 - „Traiettore D.st W. Con D.L. lucidi“. Tracings of diagrams showing trajectories of bombs released at different heights and speeds.

R525 - „D.G.S.S. 1-2-3". Technical designs of Italian aeronautical inventors D.G.S.S 1-2-3 (unidentified), dated July 1944.

R526 - „Sala Prove motori“. Designs of a testing room for motors, dated 15.2.45.

R527 - „D.B.T.“ Italian technical designs of D.B.T (aerial bomb), dated 1944. See also R511 and R528.

R528 - „D.Vper D.B.T complesso e particolari“ Technical designs of D.V. (Unidentifed) for D.B.T (aerial bomb towed by cable). Dated July 1944. See also R511 and R527.

R529 - „DGV 1". Italian technical designs of D.G.V.1 (unidentified), dated December 1944. (X2).

R531 - „Grafici D si-pl.“ Italian tchnical graphs, dated March 1945; also maps of airport Deseizano del Garda, 1943. „Stabilizatore ‘ci’“.

R532 - „G.I.9". Italian technical designs of tail unit of A/C G.I.9, dated May 1944.

R533 - „D.D.Pd I.S.“. Italian technical designs of D.D.Pd I.S.(Unidentified), Dated 16 Dec, 1944, (See also R535).

R534 - „D.D.Pd I.S“ Italian technical designs of D.D.Pd I.S. (Unidentified). Dated 13 Jan 1945. (See also R535)

R535 - „D.D.P.I.S“. Italian technical designs of D.D.P.I.S (unidentified). Dated 30 December 1944.

R536 - „Sala prove apparati pneumatici“. Designs of a testing room for pneumatic apparatuses, dated 12 Jan 1944.

R537 - „D.I.-1". Italian technical designs of D.i.-1 (unidentified) originals and tracings. Dated 1944.

R538 - Envelope „D.I 2 F.E.“ Italian technical designs of D.I.2.F.E. (Tail unit of A/C) dated 1944.

R539 - „D.I.3 lucidi“. Italian technical designs of D.I.3 (unidentified parts of A/C), dated June 1944.

R540 - Envelope with „D.I.4". Italian technical designs of D.I.4 (unidentified) parts of A/c. One original set and 2 copies (this copy is original). Dated 18.8.44.

R541 - „D.I.5" Complesso e particolari“ . Italian technicl designs of D.I.5 (unidentified parts of A/C), dated 1944. (X2 folders).

R542 - „Rele per stab ‘Ci’“Relay for the electrical tailplaine stabiliser „ci“. Dated 1944.

R544 - „Tendicinghina. Lucidi“. Tracings of Italian technical designs of unidentified A/C parts, dated 1944.

R545 - Envelope with „Compel dell arma con wip aerca“. Tracings of Italian technical designs of unidentified A/c parts, dated 1943.

R548 - „1 sezione B1, B2, 4, 5". Miscellaneous douments dealing with courier service, telephone communicaitons, organisation of a technical unit of the aeronautical section of the Italian social republic. Received from A.F.HQ.

R549 - „1 sezione c!-4". Miscellaneous documents dealing withe the organsation of the Italian aeronautical research and experimental section. Received from A.F.HQ.

R687 *„Fuhrerstellenbesetzung der roten armee sowie des Rumanischen und Bulgarischen Heeres (Anhang) stand 1.4.45.“* Alphabetic list of commanders of various Russian, Bulgarian and Roumanian Army units, name of their and date last known 1.4.45.

R688 *„Feld-Ersatzeinheiten der Roten Armee Stand: Marz 1945.“* List of Russian Regts, army to which attended, location and date last known. Cross indexed. Dated March 1945.

R691 *„Verzeichnis russischer familiennamen.“* Comprehensive list of family names. (Big thick, hardbacked book).

R692 *„Answeisung fur die Ermittlung der scheiszgrund-lagen aus den karten und festpunktuerzeichnis - sen in den ost, 1940.“* Instructions on obtaining firming data from maps and lists of strong points in Eastern & South-Eastern Europe.

R698 (In envelope). „Die sowjet-russische panzer-waffe. Stand 1.7.1944.“ Illustrations of tanks used by Russians.

R704 Small lever arch folder. *„Munitionsverschrift fur fliegerbord waffen-teil 10.“* Aircraft ammunition pamphlets.

R705 *„MG 151 15mm - Flugzeugmaschinenejewhr. 151 waffen - Hanbuch.“* Illustrated description of the 15mm machine gun 151, July 1942.

R706 *„Katepulte fur seeflugzeuge“*. Report on the development of launching seaplanes by catapult, 1940.

R708 *„Gradnetzmeldeverfahren. Anlage 3 A Fu.luft.“* Description of the Grid system for funding targets Nr 1881, January 1943.

R712 *„Bombe Definanti.“* Italian notes on bomb research.

R713 *„Turboriduttori.“* Italian correspondence re Redcuing turbines.

R714 *„Bombe Aerotrainate.“* Italian notes on air - towed bombs.

R751 *„Flugzeugerkennungstefeln 1940.“* German publication giving illustration of British planes.

R753 *„Hydrocarbon synthesis agreements Ablage Rechtsabtalung.“* Procedure followed when

companies are formed or expanded from N.S.VI, 1938.

R755 Flimsy papers in folder. Correspondence between Atlas werke and the Airforce experimental station Tarnewitz dealing with apparatus for use in aircraft, 1938.

R756 Envelope with singed papers. Reconstructed order of Battle cards, Russian Army. No Air Force.

R757 *„Atlas-werke Bt A.G.“* Document giving the preliminary technical conditions of delivery for the apparatus Forelle, 1944.

R760 *„'Atlas' landehohenmesser“*. Description of altimeter to assist landing aircraft, 1940.

R765 *„Militaerkalendar for den Norske haer ag marine.“* Index of all Norwegian army and naval personnel 1928.

R768 *„Lists des frequences publiee le bureau de l'union internationale des telecommunications.“* List of freqs issued by the international union for telecommunications, Berne, Feb 1943.

R769 *„G.B.Luftwaffe.“* Description in German of the set-up and organisation of the RAF - Date 1944.

R772 (In envelope) *„Plan de stationnement de l'armee de l'armistice“*. Tables giving the dispositions of Army units at the time of the Armistice, August and November 1940.

R773 *„Der kleinmotor c.“* German handbook to small DKW type c air- cooled , single cylinder, 2-stroke motor. Berlin 1938, from Schliersee.

R774 *„Richtlimen fur die Brandbekampfung im luftschutz.“* Official German directions for fine fighting, 1938, from the Schliersee.

R775 *„Handbuch fur kraftfahrer“*. German illustrated publication, 1941, describing various mechanical vehicles, from Schliersee.

R776 (In envelope) *„Anlagenheft zur friedensausrustuns- nachweisung (heer) nr, 0894 vom 1.10.38 feste Horchstell a.“* Peace-time equipment of German interept station, from Schliersee.

R777 Tatty book in envelope. List of all the officers in the Swiss federal Army, 1927, from Schliersee.

R781 (In envelope) *„Les transmissions dans l'armee Allemande.“* Description of the German transmissions in time of peace and in the vent of mobilisation. Date 1932, from Schliersee.

R797 Morse code book, 1922.

R804 (In envelope) German report on the intercept service of France , vols I & II dated 1930 & 1937, from Intercept station Muenster via MI8.

R805 German report on the intercept service of Czechoslovakia dated 1930 from Intercept Station Muenster via MI8.

R806 German report on the intercept service of Italy, dated 1930 from intercept station Muenster via MI8.

R807 German report on the intercept service of Poland, dated 1930 from intercept station Muenster via MI8.

R808 German report on the intercept service of Russia, dated 1930 from inttercept station Muenster via MI8.

R810 *„Funkbetriebszeichen.“* Two copies of a manual containing Q code and numerous other procedure signals, some which are used internationally, and others which are peculiar to individual countries. Dated 1935, from Intercept station Muenster via MI8.

R811 File of correspondence dealing with cover committments of H. Stelle Muenster. Dates 1938-39, from intercept Muenster via MI8.

R812 *„Ausarbeitungen ueber freude marinien.“* German report on the Japanese Navy, date

1935, from intercept station Muenster via MI8.

R813 German report on training in the British Navy, dated 1936 from intercept station Muenster via MI8.

R815 Report on the various methods adopted by P.O.W.s and enemy agents for passing information to their respective countries 1914-18, from intercept station Muenster via MI8.

R818 Small copy of regulations for an intercept station, similar to R819, dated 1931, from intercept station Muenster via MI8.

R819 Regulations and instrctions for use at an intercept station, dated 1932, from intercept station Muenster via MI8.

R820 *„Beamten - Anwaerter Ausbilding"*. File of correspondence dealing with the training of operatone, together with copies of the training programme. Dates 1935-39, from intercept station Muenster via MI8.

R823 Hard backed book in good condition. Manual in German on the tactics and manouevres of the French army. Dated 1936, from intercept station Muenster via MI8.

R824 Original booklet. *„Aufklaerung durch nachrichtenmittel"*. Vol II Signals reconnaissance in operation, dated 1938, from intercept station Muenster via MI8.

R825 File of correspondence dealing with personnel, and lists of cover names, 1939-45.

R829 File of miscellaneous correspondence

R834 File containing miscellaneous corespondence dealing with cover, personnel and administrative matters, 1939.

R836 (X2 Copies) *„Der Geheime Auslandsnach richtendienst gegen Deutschland."* Vol. Parts I & II of this series, dealing with the activities of the French Intelligence Service operating against Gemany, 1930.

R838 & R840 Folder with correspondence and reports on interception.

R855 Envelope with file of intercept and DF logs together with c/s lists, 1930.

R856 Envelope with miscellaneous collection of activity charts, coverage reports, diagrams of D/F results, 1937.

R861 File containing duties of operators D/F reports etc, 1932.

TICOM DOCUMENTS

(Only 1 copy unless otherwise stated)

CATALOGUE NUMBER CONTENTS & DESCRIPTION

1 - Loose papers in folder. Japanese . *„Manshukoku Gailcobu Angoosho Dai 2 Goo"*. Manchukwo Diplomatic code.

2 - Loose papers in folder. Notes on Chinese Diplomatic Solution and selected Chinese and Manchurian decodes.

3 - Loose papers in envelope. Chinese diplomatic re-encipherment tables and systems. 12 sheets.

4 - Loose papers in envelope. Chinese diplomatic decodes and translations.

5 - Loose papers in folder. Reports on machines:

a. Entwurf Einer Paschzahlmaschine.

b. Die Masching '42.

c. Uber die sicherheit des Grundverfahrens Gegenvber der Anwendung von Hollerith - Maschinen.

6 - Photostats in folder.

7 - Loose papers in folder. Russian. Beiste material (Uber Okw) 1941 & German photostats. Hardbacked folder includes:

a. Rules for use of re-enciphering tables Moscow 1940.

b. PETSAMO - emergency methods of encipherment, 30 May 1941.

c. Rules for system MNS-1.

The Ticom document itself is a photostat. Also included is an English translation (by the US) of both German and Soviet items).

9 - Papers in envelope. Current Bulgarian traffic.

10 - Photostats in folder?

11 - Current Bulgarian decoded traffic BD 14, 170 systems 33311, 88844 b77 (48 sheets). Black hardbacked book.

12 - *„B Tabelen BD 16"* Bulgrian recipherment tables for BD 15 & BD 16.

13 - Book falling to pieces. *„Tabellen b"*. Bulgarian recipherment tables covering following systems: 15, 16, 19, 25, 28 & 30.

14 - Loose papers in folder. Current Bulgarian decoded traffic BD 35, 1-).

15 - *„Verfahren zis Losung von Doppelwurfen Des JRC-Verkehr"*. Solution of Jugoslavian Double-transposition system. 14 photostated sheets. Papers in envelope.

16 - S= Schlusselschablone Gebrauchsanweisungen

DK= vorllaufige schlusselanweisung zum Gebrauch des DOPPELKASTEN Schlussels, December 1941.

P+ = Enigma left in Paris Embassy search for same in 1941.

R= request for demonstration of Enigma art exhibition of scuols tecmza commerciale in Rome 1941 with rejection. Several items of correspondence.

17 - Loose pieces of paper , 1938. *„48"*. Tageschlussel as August 1938.

18 - *„Ma"* Grey folder of cryptographical word sheets (JAP) (1934-39).

19 - *„BD 16"*. Bulgarian Diplomatic traffic with decodes, decoded with T20 , falling to pieces

20 - Bulgarian code book, 5 figure. Falling to pieces.

22 - *„Innsbruck-Tafeln“*. Tables of 5 figure groups, covering dates March-August, 1943. Also photostatic copies , the index giving origin and destination. Jan-Aug 1943. Loose papers, all handwritten.

023 - *„BD30 201-349"*. Messages with decodes written in, covering dates from 16 Novemebr 1943 to 23 April 1944. Sheets numbered 201-349. Loose pages with pencil script.

24 - BD30 (partially reconstructed 5 figure code. (Will decode t22). Two cardboard work charts included.

25 - *„1751 2000 19"*. Columns of figs for the first line of which are 37801 2 378 97 1 02 00014. The last figure increases serially to 99979. It is thought that the German title on this binder does not apply to the present contents. Hard backed black notebook.

26 - Italian, enciphering tables. *„Seitenverzeichnis z2"*. Aug-Dec 1944. *„Innsbruck“* system. Folder also inludes a letter from Paschke to Faulein Titschack regarding this work.

27 - Italian traffic undex. *„Materialverzeichnis 22"*. Traffic index, 1943 including 7 pages of Italian Diplomatic traffic. Loose hand written pages in tatty folder.

28 - *„I 1-199 22"*. Italian 5F and 5L Diplomatic traffic, decoded. Worksheet nos 1 to 199.

29 - *„II 199-450 22"*. Confirmation of T28. Worksheet nos 200-450. Italian traffic, 1943.

30 - Continuation of 29. Worksheet nos 451-635.

31 - Loose papers in folder. Carbon copies Italian Diplomatic traffic, 5L, 1944. Not decoded.

32 - Loose pages, bound together. Italian traffic 1944-45. Of T20 material Duce badoglissen. 5L Italian Diplomatic traffic, 1944-45, undecoded.

033 (Loose papers in folder). *„Jahresbericht fur 1941, 1942 uber das referat: Britisches Imperium, Irland, Thailand, Portugal, Spanien und Latein Amerika“*.

034 (6 envelopes). 1942-43. Traffic index Dec 1 1942 to Nov 10 1943, Italian Diplomatic traffic enclosed in corresponding keys.

44 - Bulgarian traffic, Diplomatic, 1945. 3 photostatic sheets of traffic between Bulgaria and Rome and Bern. Included are some workings and unidentified undecoded traffic. Front of folder bears the name of Rita Masing, who appears to have worked on this traffic. Papers loose in folder.

46 - German Diplomatic traffic, 1945. Undecoded traffic mainly photostatic between Berlin and Madrid , Tokyo, Moscow & Stockholm. Envelope addressed to Dr Schroter contains loose pages.

49 - Japanese Diplomatic, 1945. *„Ankra to Bern“*. Not worked on. Some photostatic copies contained in envelope addressed to Dr Schroter. Loose papers in envelope.

50 - Japanese code diplomatic. Series of Japanese squares with Japanese plain text in sqaures. Shows 3 letter and 5 letter equivalents.

57 - Papers loose in folder. Ethiopian Diplomatic traffic with worksheets, 1944.

58 - Papers loose in folder. Polish diplomatic Traffic 1942-44.

60 & 59 - Papers in envelope. Russian cipher system 1941. *„Eine sourietrussische Buchchiffre.“* Contains some workings after the above named articles).

66 - Loose papers in folder. Japanese military 1925. 10 letter Japanese military traffic, only partly worked on. Workings are attached to traffic.

67 - Loose papers in folder. Japanese telegrams. Folfer containing undecoded 5 figure. Telegrams between various embassies.

69 - Papers loose in folder. *„Ueberschlussellungen des sowjetrussischen*“ codes „wreschtong c I Oktober 1924....bis (reports on Wneschbourg code I, 1924-26.

70 - (X2) French cipher machine B-211.

71 - French cipher machine B-211.

72 -- Recovery of formula and structure of any systematic code from a small number of code groups.

73 - Hagelin cryptographs. Machine for cryptography types B21 & C36.
73a - Report on the manufacturer of the cipher machine *„Hagelin"*.
75 - (Papers bound in folder). *„Berichtschippel"*. Misc correspondence and circulars of Foreign Office 1939-40.
76 - Studies of Russian Double transposition.
79 - (X2) German security studies of the Olivetti cipher teleprinter.
79 - *„Berichte"*. Telegrams Helsinki- Berlin-geneva. Papers loose in folder.
80 - Troops of the peoples commissional for Internal affairs.
83 - Handwritten papers in envelope. *„Schweixer verfahren"*. Report on Swiss Diplomatic codes, 1917-18.
84 - Papers loose in tatty folder. *„Hollandische verfahren"*. Report on Dutch Diplomatic codes 1917-18.
86 - Papers bound in folder. Register of French (5 figure) diplomatic telegrams 1926-28.
87 - Hard backed printed book. *„Cifranto SP"*. 1942. Original Italian 4 figure police code.
88 - Tatty hard backed book with pencil entries. *„RA 1 Juli 1937 Buch no 2"*. Partially reconstructed Italian 5 figure code, July 1937.
89 - Tatty hard backed book with pencil entries. *„P3"*. Partially reconstructed Italian 5 figure code.
167 Rumanian Diplomatic traffic, decoded 1941, *„201-400"* Print and pencil script in a black hard back binder.
168 Rumanian Diplomatic, 5 fig traffic, decoded 1941 *„401-600"*. Black hard back binder.
169 Rumanian Diplomatic, 5 fig traffic, decoded 1941 *„601-800"*.
170 Rumanian Diplomatic, 5 fig traffic, decoded 1941, *„801-1000"*
171 Rumanian Diplomatic, 5 figure traffic, decoded 1941 *„1001-1200"*
172 Rumanian Diplomatic, 5 figure traffic, decoded 1941. *„1201-1400"*.
173 Rumanian Diplomatic, 5 figure traffic decoded 1941 *„1401-1600"*
174 Rumanian Diplomatic, 5 figure traffic, decoded 1941, *„1601-1800"*
174C Remarks by Meyer on various German cryptographic devices.
175 Rumanian Diplomatic 5 figure traffic, decoded 1941, *„1801-2000"*.
176 Rumanian Diplomatic 5 figure traffic, decoded 1941-42, *„2001-2200"*
177 Rumanian 1942, 5 figure diplomatic, vol 12 to1944. Rumanian Diplomatic, decoded *„2201-2400"*, in a black hard backed book.
178 Rumanian Diplomatic 5 figure traffic, decoded *„2601-2800"*. Vol 13.Black hard backed book.
180 Rumanian Diplomatic 5 figure , Vol 15. Traffic, decoded 1942 *„2801-3000"*. Black hard backed book.
181 Rumanian Diplomatic traffic, vol 16. 5 figure decoded. 1942. Worksheet no *„3000-3200"*. Black hard backed book.
181 - Original book (good condition). *„Arbeitsgeweimschaft fur Arbeits - vorbeitung in der flugzeug - Industrial."* Handbook giving descriptions of various tools, stencils, lathes etc. Used in aircraft manufacture with an 'illustration of each. Dated October 1941. Received from NS VI (Germany).
182 Rumanian Diplomatic, 5 figure traffic, decoded 192. *„3201-3400"* vol 17. Black hard backed book.

182 - Correspondence, both by letter on TP msg between Junkers, Messerschmndt and Blohm & Voss concerning alteratins to planes, completion dates etc. Also included: correspondence. Various dates 1944. Received from NS VI (Germany).

183 Rumanian Diplomatic, 5 figure , Vol 18. Traffic decoded 1942. *„3401-3600" „R18".* Black hard backed book.

184 Rumanian Diplomatic 5 figure traffic, decoded 1942. *„3601-3800".* Vol 19. Black hard backed book.

184 - File of notes taken at various conferences concerning faults and equipment in developments and alterations made on parts of different aircraft. Dated 1943-44. Received from NS VI, Germany.

185 Rumanian Diplomatic, 5 figure traffic, decoded 1942 *„3801-4000" „R18".* Vol 20. Black hard backed book.

186 Rumanian Diplomatic 5 figure traffic, decoded 1942. *„4001- 4200",* Vol 21 (Black hard backed book with pencil script pages).

187 Rumanian Diplomatic 5 figure traffic, decoded 1942. *„4201-4400". „R18".*Black hard backed book.

188 Rumanian Diplomatic 5 figure traffic, decoded 1942. *„4401-4600". „R18".* Black hard backed book.

189 Rumanian Diplomatic, 5 figure traffic, decoded 1943-44, *„5401-5706". „R18".* Also some loose traffic unnumbered for 1944. (Pages loose from cover).

189 - Papers loose in folder. „Blohm & Voss".

190 Rumanian Diplomatic, 5 figure traffic, decoded, 1943 *„5001-5200" „R18".*

190 - Papers loose in folder. Aircraft deleivery note.

191 Rumanian Diplomatic, 5 figure traffic, decoded, 1943. *„5001-5200". „R18".*

192 Rumanian Diplomatic 5 figure traffic, decoded 1943 *„5201-5400" „R18".*

192 - Folder with Blohm & Voss aircraft maufacturers papers.

193 Rumanian Diplomatic, 5 figure traffic, decoded 1943-44. *„5401-5706" „R18".* Also some loose traffic, unnumbered for 1944. (Loose pages in folder).

193 - Aircraft delivery notes.

194 Chinese Diplomatic traffic. Telegrams from Chunking. Diplomatic traffic, decoded. (Loose papers in folder, pencil script).

195 Chinese 5 letter traffic (envelope full of loose papers, unworked).

195 - (In envelope) *„Vorlaufige Richtlinien fur die fertigungsprufung bei unterliefer anten."* Temporary general directions for testing products of sub-contractors. Undated. Received from NS V I By Germany.

196 Chinese traffic. Mainly unworked. (Loose pages and logs in folder).

196 - Inventions giving probable aircraft production totals for month, statements of dates of test flights, surveys in table form of progress of manufacture, testing etc. Dated Aug & Sept 1944.

197 - List of alterations and supplements to aircraft code numbers, dated Aug 26 1944.

197 Chinese traffic. (Loose logs in folder).

198 - Lists of aircraft giving works number, date of deleivery from Blehm and Voss etc.

199 - Monthly reports on the number of parts of ME 2262 aircraft produced at Blehm and Voss works, with supply statements and notes.

199 Chinese 5 letter diplomatic code messages, Jan 1939-Jan 1945, some decoded into English. The codeword *„tagmu"* figures prominently in most messages. Folder containing worksheets included pencil script and typed.

201 Chinese *„Tagmu"* - 5 letter diplomatic traffic; various dates 1939-1944.

204 Chinese 5 letter code messages dated 12/6 with code equivalent units written above. Few pencil script logs in folder.

205 Chinese 5 letter groups with frequency counts; nationality undetermined, but found with chinese material, undated. (Folder with 4 pages of loose paper, pencil

script).

206 Chinese plain text script in English- non-German; telegrams. Chinese traffic. Press telegrams, press cuttings (photostats) on China's war with Japan. (Folder loose with papers).

208 Chinese sachliches. Plaintext in English. Miscellaneous Diplomatic messages in English plain text and notes on Chinese affairs. (Folder with loose papers). 209 Chinese Miscellaneous Diplomatic traffic, dates 1938-1941. *„Olbricht and Achauffer concerned"*. (Envelope with loose papers).

210 Chinese worked traffic. (Envelope with loose pages).

211 Chinese 5 letter traffic. (Loose papers).

212 *„Chinese kurier brief No 4 H.O.R.R Schauffer"*, undecoded 5 letter telegrams. (Loose papers in a thin folder).

213 Chinese 5 letter code telegrams (loose), addressed to Dr Olbricht from Dr Rohrbach.

215 Chinese *„Presse"*. 5 letter telegrams; some decoded. Loose papers in soft backed folder.

216 Chinese - *„China zeitschriff"* - material. Undecoded 5 letter telegrams, Feb/March 1945.

216 - Original notebook. *„Code telegraphique chiffre par f,j sittler 41me edition."* Simple 4 figure code. Title pg bears different title: *„Dictionnaire abreviatif chiffre."*

218 Chinese photostat copies of 5 letter code telegrams. Aug-Dec 1944.

223 ????? *Einmaliger Senderversich zeesen - Breslau"* (Black binder folder). Correspondence and reports concern text originals sent by Zeesen and Breslau 16 April 1937.

226 - *„Room 57".* Pink folder containing some odd telegrams, some in P/L, others in 5/L code or cipher, found in Rm 57. Date range: 22.4.45 and 27.4.45.

240 - Envelope with miscellaneous directions relating mostly to administrative and personnel matters at KAUFBEUREN. Also a list of Bulgarian code material at KAUFBEUREN.

240 & 241 - Italian recovered letter/figure substitution code (loose papers in folder).

242 - Italian recovered letter/figure substitution code (loose papers in folder).

242 - In envelope. *„Anweisung fur den Anbau der zuischenplatte 7528 und die Grundplatte der elektr fernschreibmaschine T type 52 C."* Instructions and diagrams in duplicate covering the installations of this apparatus.

243, 244 - Italian Diplomatic tables to 1932 & 35.

245 - Italian *„1934 und 1937 (Nebenserie) Eintaagige Tabelle"* Recovered letter/figure substitution code (neat papers in folder).

247,248,249- Italian Cryptanalytical tables (1934-35). Italian diplomatic. (Loose papers in folder).

250,251,252,235 - Italian cryptanalytical tables. Recovered pythagoras letter/figure 1939. Recovered letter/figure code up to 1939.

255 *„Rai Tafeln 1940".* Recovered of Italian diplomatic letters/figures code, Dec 1939-Nov 1940. In binder folder, print and pencil script tables.

256,257 - Italian *„ITD"* - 5 letter traffic 1944, and cryptanalyical tables. Loose papers.

258 Italian *„Geloste T der weiser ao.. Abu.. Abj.. Ceb.. Cei.. Nebenserie 1932-33 Levanteverk. 1934-35, vic 1937-38".* Recovered Italian diplomatic keys - typed and script tables.

259 *„Zander - Tafeln".* Recovered Italian Diplomatic Code keys. Vienna- Rome. Binder /folder with print and tables. *„Eintagige Tabellen 1934/35, widerholt 1936/37, mit Zahleweisern".*

260 *„Sander B -Tafeln".* Recovered Italian Diplomatic code-keys - Vienna-Rome. *„Eintagige Tabellen nmit Buchstaben weisen d... und e..."* (Loose papers in

binder/folder).

261 Italian „*Experiment Nr 2 Vibre Murig*“ Recovered key and worksheets - Rome/Berlin (loose papers in folder).

280 - An application of cyclic permutations and its theory.

288 - Misc minor soviet systems.

311 „*Special vergleicher*“. Envelope of Japanese diplomatic + IBM Cards containing Japanese worksheets and IBM cards on traffic Tokyo-Bangkok.

312 „*AWA*“ . Envelope containing 5/F Free French traffic of May 1943. (Loose papers in folder).

313,314,315,316,317,321 - Manchurian. 1944. 5 figure trafffic (unworked).

318 Japanese 5 letter traffic.

319 Japanese Photosats of 5 letter traffic, up to 1944.

320 „*65a*“. Binder of Japanese Diplomatic traffic (5 fig) for July and Aug 1943 (Loose papers).

322 Japanese diplomatic Traffic. (Loose papers in folder).

323 German „*Schussel A*“. Blue folder containing cryptographic lessons and exercises. Loose papers in folder/pencil script tables.

324 German „*Kenngruppen 57*" (Series bn-fy and series vi-zu). Loose pages in folder, pencil script tables.

325 Japanese „*62**“ Worksheets with 5 figure traffic 1943. (Loose pages in folder).

326 Japanese „*62 Interessante faele*“. Worksheets with 5 letter and 5 figure traffic 1943/44. Loose papers in folder.

327 Japanese „*57 Schablonen Dekadde Jan-Dekade Dez* „ (Loose pencil written pages & tables).

328 Japanese „*Alte Codes*“. Bigram code worksheets 1941 (loose papers in folder).

329 Japanese „*57 Schlussel Deekdden jan-Dekade Dez*“. (Tables). Loose pencil written tables in folder.

330 Manchurian „*Neues material*“. Traffic of 1944. (Loose papers in folder).

331 Japanese „*65a*“ traffic and worksheets undated. Loose papers in folder.

332 Japanese 5 letter traffic, undated. Some Manchurian. (Loose papers).

333 German - „*Hollerith Kurse*“ Folder of circuit diagrams etc, on Hollerith accounting machine. Loose papers, newspaper clippings, leaflets ie „*Die Antenne*“ (1924) Original copies.

334 Japanese envelope containing Diplomatic cipher equivalents, including 3 letter place name equivalents.

336 „*J.B. 52*" Japanese code equivalents & 335, 2 pages all pencil written (quite difficult to read).

337 German folder containing cryptanalytic lessons and exercises. (Loose papers).

339 Chinese - „*Buchstabier-T26 (Chungking)*“ Long messages - marked „*lecon*“ from Washington to Chungking, 1943; used as exercise. Partly decoded into English by a student). (Loose papers in envelopes).

340 „*62*" Folder containing Japanese (loose papers in folder).

341 „*62*" Folder containing Japanese worksheets (loose papers, pencil script in folder).

342 „*62*" Folder containing worksheets. Loose papers in folder.

343 „*62*" Folder containing code. Pencil script/loose papers.

344 Japanese - „*Material gessduch wach: Laifewder Nummer.*“

347 Japanese - „*64*" Folder containing Japanese worksheets. Pencil script papers. Mainly loose.

348 „*64*" Folder of Japanese worksheets. Loose pencil script papers.

349 Japanese - *„64 Turgensen"*. Folder with worksheet. Loose papers in folder).
350 Japanese - *„64 schlussel, neu"*. Folder of worksheets. Loose papers in folder.
351 Japanese - *„48"* Folder of worksheets. (Loose papers in folder with pencil script & printed.
352 *„Acic"* folder of Japanese worksheets. Pencil script tables.
354 ???? *„29"* Folder containing worksheets (Pencil script tables).
355 Japanese - *„Olbricht. Sprachliches"*. Folder of notes on the Japanese language etc). (Loose papers in folder).
356 *„57 listen"* Japanese Diplomatic cipher keys & worksheets covering JB 57 and JB 57a. No dates. Loose papers in folder. Mostly tables in pencil script.
357 Japanese - *„Verschiedene Verfahren"*. A few diplomatic messages 1943-44, of 5 letter groups with 5 figure equivalents written above, with worksheets, freq counts. (Loose papers in folder).
358 *„Ubungsaufgaben Schoter"*. German practice traffic and worksheets - (Loose papers).
359 *„E (zahlencode) statistik im Be III"*. French Diplomatic 4 fig code book, partly reconstructed. Neatly catalogued. Printed numbers and pencil script.
360 French diplomatic 5 fig traffic, undecoded for March 1945. (Loose logs in folder and envelopes).
361 Belgian unworked Diplomatic 1945. 5 letter. Envelope of loose logs.
362 1945 Swiss Diplomatic Raw traffic. 5 Fig/5 Letter (unworked) (loose pages).
365 Folder of Japanese worksheets.
367 Register of Japanese words with letter equivalents (Black hard back folder).
369 *„64"* Folder of Japanese Diplomatic Worksheets.
371 *„Wissenschaftliche Schriften des Sonderdienstes Dahlem, Oct 27 1941."* German A4 size booklet. ***X2 copies***.
372 German - *„Wissenschaftliche Schriften des Sonderdienstes Dahlem, Dec 8 1941"*. A4 Booklet. ***X2 copies***.
373 German - *„Wissenschaftliche Schriften des sonderdienstes Dahlem. May 26 1942"*. ***X2 copies.***
374 German - *„Wisserschaftliche Schriften des sonderchiestes Dahlem"*. Manuscript copy, no date. Loose papers in folder.
375 *„Wissenschaftliche Schriften des Sonderdienstes Dahlem, Sept 23 1942" „Neue Richtlumen fur die textgestaltung der Ausgange"*. German A4 Booklet. ***X2 copies***.
376 *„Wissenschaftliche Schriften des sondienstes Dahlem, Dec 7 1942"*. German A4 Booklet. ***X2 copies***
377 *„Wissenschaftliche Schriften des Sonderdienstes Dahlem, March 9 1943"*. All in German, A4 Booklet. ***X2 copies***.
378 German - *„Wissenschaftliche Schriften des Sonderieristes Dahlem May 3 1943"* A4 Booklet. ***X2 copies***.
379 German - *„Wissenschaftliche schriften des sonderdienstes Dahlem"* - June 24, 1943. (A4 Booklet). ***X2 copies***.
380 German - *„Wissenschaftliche Schrifte des Sonderdienstes Dahlem, July 15 1944"* ***X2 copies.***
381 German - *„Wissenschaftliche Schriften des sonderdienstes Dahlem, Nov 15 1944"*. A4 size booklets. ***X2 copies***.
406 Chinese diplomatic Traffic *„Nichtentzifferen telegram (Chungking)."* 5 letter messages partially recovered (Loose logs in folder).
407 German permutations & mathematics (+ article on sequences in permutations by Prof Dr

Rohrbach) (Loose papers in folder).

408 Chinese Diplomatic Traffic *„Echi"* 5 letter messages, 1942. Undecoded, worksheet. Loose papers in folder.

409 Chinese Diplomatic Traffic Index. Worksheets and indexes of traffic arranged by originator and addressee beginnings some wide coded messages. 1942/43. (Loose papers in folder.

410 Chinese diplomatic traffic. 4, 5, & 6 figures, 1944 undecoded. Folder with some newspaper mag clippings and logs. Example of clipping is *„Amtaltt des reichspostministeriuts" „bekanntmachungen de Deutschen Reichpost".*

420 Chinese - Envelope of loose papers. Diplomatic traffic consisting of 5 letter groups, not worked on. 1942/43.

421 Chinese Diplomatic traffic. Indexes & worksheets including a, b, k, f *„Tempo"* 1942. (Loose papers in folder & envelope).

422 Chinese Diplomatic traffic. Sundry messages consisting of 5 letter groups, together with worksheets; only one msg (1041) partially recovered, Arabics numerals and Chinese symbols. (Loose papers in folder).

423 Chinese traffic, partially worked. Approx 1943.

424 Chinese 5/L Diplomatic code DRYS - 1942. Detailed description of code DRYO dated Oct 1942 with footnote dated Jan 1945, brief notes on *„ECHDI"* procedure dated Oct 1942. Taken from same folder as doc 425. See 2292 for partial description of code DRYO, 408 for ECHDI (written *'echti'* here) and ECTIA. 5 letter messages, 433 for traffic index 1939-42.

425 Chinese messages in 5 letter groups. 1944 & 45, worked on; index of traffic (wcp), no date; worksheets on *„bah ere", „akf", „brem" „bnh2"*; certificate of award to Dr Harris Rohrbach.

426 Envelope of Chinese traffic. Approx 1945.

427 Chinese Diplomatic traffic. *„Pahnwitz"*. Messages in 5 letter groups, undecoded, 1942, 1944, index headed *„invincible"* of traffic giving date, originator, addressee and 5 letter groups, 1944; hnm stats; misc. (Loose papers in folder).

429 Chinese Diplomatic traffic. Traffic consisting of 5 letter groups. A few partially decoded, 1944 2 worksheets. Loose papers in folder.

431 Chinese - 4 figure traffic, undecoded 1944. (Loose papers in folder).

432 Chinese 5 letter traffic, 1944, partially decoded; labelled *„bvem"*, tables of occurrences of *„bvem"* and *„ti"*. Loose papers in folder.

433 Chinese Diplomatic Traffic Index. DRYO. Index of traffic 1939 & 1942. Giving originator and addressee classified by 4 fixed groups of 3 letters. 4 sheets of paper in folder.

434 Chinese *„TBRU"* , 5 letter, undecoded 1942 with occurrences. (Loose papers in folder).

435 Chinese Diplomatic Traffic *„eduwi uberschlusseller u code"*. Messages consisting of 5 letter groups undecoded 1942).

436 German - *„Tabelle f.d. Haufigkenten"* Freq tables, showing relative occurrences, in German, French and English languages of single letter, common bigrams and trigrams.

439 Chinese *„PLT"*. Index of traffic giving date (no year) and encoded date groups (4 letters) together in some cases with beginning and endings (plt-wop) occurrences (loose papers in folder).

443 Chinese diplomatic traffic. *„1 bis traffic"*. 5 letter traffic, 1942, undecoded.

444 Chinese diplomatic traffic. *„1 bis 40"*. 5 letter traffic, 1941/1942, undecoded. (Loose papers in folder).

445 Chinese diplomatic traffic. *„Nicht Zv"*. 5 letter traffic, with some photostats and carbon copies, 1942, undecoded. One plaintext in English. (Loose papers in envelope).

446 Chinese - *„GhaT26"* Schvia, diplomatic code - worksheets. Index of traffic 1939 and 1942 giving originator and addressee and indicating groups; statement of occurrences. Loose papers in envelope.

447 Chinese diplomatic traffic. Traffic consisting of 5 letter groups, not worked on. (Loose papers in folder).

448 Chinese diplomatic worksheets. e m b v statistic. Worksheets showing occurrences of groups. Envelope with a few loose papers.

449 Chinese Diplomatic traffic. Sheet of 5 letter typewritten traffic also handling of hand-copied traffic and trigram repeats marked. Envelope with approx 3 pieces of paper.

452 Chinese Diplomatic traffic register. The register has similarities marked April-August 1942. (2 pieces of paper in soft folder). April-August 1942.

470 *„Azi a-c"*. Instructions, information - mostly from chef HNW and Chef WNV

471 *„Az:d,e"*. Correspondence, instructions to and from Maj Nielsen, hef WNV Room 1, concerning signlas equipment etc. Oct 1944 to arch 1943. (Lots of loose papers including graphs).

472 *„AZ: 3,4,5,6"*. Correspondence, instructions to and from Maj Hielsen, chief WNV, mainly concerning signals personnel matters, Dec 1944 to March 1945 with index of contents.

476 Polish *„Szyfr 1937 sztab Gtowny - oddziat II"*. Codebook of unidentified type, presumably naval. Neat and A5 hard back booklet, good condition).

477 Polish 5 figure code, *„Szyfr zasadnizzy 'Mar 2'"*.

478 Polish 5 figure code book 1924. *Szyfr zasadnizzy 'Mar 3'"*.

479 Russian. 4 figure key of 1st Black Sea Fleet in approx 1941.

482 French. *„Exercises de decrytement en longue francaise"*. Photostat of 3rd chapter of a work, dealing with double substitution. Folder with a few small pages.

483 French *„Code des signax de la marine Nationale 1936 Tome II Reportoire"*. Signals code book Vol II). Heavy, hard backed book

488 German typewritten report on method of attacking certain types of subtractive ciphers, undated. (2 loose flimsy pages in folder).

489 German typewritten notes on the solution of TL & J5ZC m Nr 18 - 2 letter code, undated. Loose pages in folder.

489 *„Augenerkundung im rahmen der Schiffaerkennung"*. Charts with diagrams, to aid in ecognition of ships dated Jun1 944.

491 *„Manuel de l'officer du chiffre, Novembre 1935"* Photostat copy of French cipher officer's manual. Included is a German translation of this document. Received from Neumunster.

491 *„Kuftbild and Luftbildmessung Nr 18"*. Booklet of Ahnza Luftbild G.M.B/H on aerial photography.

493 *„OKM 4/SKL III"*. Radio & W/T news booklets.

498 Lists of aircraft parts produced, reports on damage to manufactured parts due to air raids, with percentage of parts which can be repaired, with tables and graphs and correspondence of Blohm and Vose Co dated 1943-45.

503 Grey folder marked *„AZ: 2a, b"* taken from the trunk of Maj Nielson in a locked room in the cellar of the Jager/Caserne at Strub, near Berchtesgaden. Contains official correspondence and memoranda originating mostly from OKW.

514 French files (3) of correspondence dealing with allied keys. Maerz 1935 - Mai 1938. Loose papers bound in folder.

515 German files (3) of correspondence dealing with allied keys. May 1938 - April 1940. Loose papers bound in folder.

516 German files (3) files of correspondence dealing with allied keys. April 1940 - Sept 1942. Loose papers bound together in folder.

520 „Raguardi"

541 *„Skl/Chet MND"* Worksheets and reports on encipherment of a Russian 5 figure code. Reports are written in Finnisch together with German translation, dated 1941. Loose papers in folder.

542 Russian. German pages in folder. ***2X copies*** of German leaflets: *„Funk-Gende-Empfargsgerat"* 1941. *„Merkblatt uber den Einfatz und truppenverfuch fur elekrische flakmergerate 39T und 39L"* 1940. *„Finnische E - Berichte (ubersetzung) Juni 1942"*. Monthly reports on amount of Russian naval traffic decoded 1943-44; also a one time additive pad.

543 Russian photostat in hard back folder, and rules of use North Seas Naval code.

544 *„Code fur wettersorhersagen/Nordmeer"* Russian 3 figure naval code used for weather forecasts. Folder includes 2 messages dated 1944. Few pages in folder.

545 ???? (Few pages in folder) *„Graunderz v Reduzierte spruche stand April 1945"* 48 four figure messages set up in worksheet form)

548 German *„III FO"* (plans/papers in folder). Instructions and diagrams on various machine procedures (Hollerith).

549 German *„III FO"*. Instructions and diagrams various Hollerith machine procedures. (Diagram plans, folded in folder).

550 German *„III F O"* Instructions and diagrams on various Hollerith machine procedures. (Few pages and tables/charts stapled in folder).

551 German *„III FO"* Instructions and diagams on various Hollerith machine procedures. In German. (Few pages and table chart in folder).

552 German *„III FO"* Instructions and diagrams on various Hollerith machine procedures. Few pages in folder.

553 German - (Flimsy pages and table print in folder). *„III FO"*. Instructions and diagrams on various Hollerith machine procedures.

554 German - (Few pages + 2 table prints, stapled in folder). *„III F O"* Instructions and diagrams on various Hollerith machine procedures.

555 German - (3 pages + 1 small table print stapled in folder). *„III FO"*. Instructions and diagrams on various Hollerith machine procedures.

556 German - (1 page 1 table page stapled in folder). *„III FO"*. Instructions and diagrams on various Hollerith machine procedures.

557 German - (2 pages stapled in folder). *„III FO"*. Instructions and diagrams on various Hollerith machine procedures.

558 German - (2 pages stapled in folder). *„III FO"*. Instructions and diagrams on various Hollerith machine procedures.

559 German - (Few papers stapled in folder). (German) *„III FO"*. Instructions and diagrams on various Hollerith Machine procedures.

560 German photostats on Baltic Fleet Code. (In hardback folder).

561 German pencil script. *„Musterspruche Nordmeer u.Ostsee"*. Specimens of types of Russian 3 figure and 4 figure traffic, decoded. Weather, practice sheets, situation reports etc. Loose papers in folder.

562 *„E-Berichte Kirkenes bis Dezember 1943"* Monthly reports on amount and characteristics of Russian naval traffic decoded. Loose flimsy German papers in folder.

563 Russian - (4 pages stapled in folder). *„Aufkalrungscode der Ostsee libau,windau und parallele codes Nordmeer u.Schwarxmeer."* Reconstruction of a code called *„libau 1202"*, photostats of 2 small Russian codes, some 3 figure and 4 figure traffic, and a report on libau code, evidently all air reconnaissance codes.

564 German loose papers in folder. *„Stand der Entzifferung Russland"*. Periodical reports on Russian 3 figure, 4 figure and 5 figure naval codes and amount of traffic decoded.

565 German - Hard back A4 book. *„Trawler-liste"* (German). Names of British trawlers with 4 figure and 4 letter equivalents. Hard back A4 book.

566 German papers stapled into folder. *„Die Polnische Marineschlusselmuttel, Berlin, den 20 Januar 1934."* Systematic exposition of Polish Naval systems. On cover *„Skl/chef MND III."*

567 German - *„Einfache Darstellung der Mrkmale eires wurm verfahrens und vielspalten - Cesaren-"* Recognisable characteristics of an additive system and a substitution system. Loose papers in folder.

569 German - (Loose flimsy papers in folder). *„Arbeitung fur Bareitung der Englischen Haupt - Marineschlusselungsver fahren - Nr 5/45."* Description of British naval code, with noted on British naval W/T organisation.

573 *„CF Code des signaux de la marine Nationale Tome I."* French Naval publication setting out signals and code, dated October1936. Big thick book.

574 *„The Enigma clock"*, November 1945. German photostats and English translations.

575 Description of substitution tables for instruction for the breaking of various French naval codes. Included are references to: TBM (1928), TBM 8 (1930), TBM.50/1 (1928 & 1929), TBM 12, RD.12, 13, 16; CDP.112; BDG.72 (1929, 1939), BDG; 73BDG.25(1923). Envelope with papers - script and typed (& tables) on quite thin paper.

579 French - Circular dealing with procedure to be followed by French cipher-clerks; dated November 1926. Loose papers in folder.

583 French - Undecoded 5 letter traffic dated 5 Jan 1933 from Vatican to France. A few hand written papers in a thin folder.

584 French - *„Dictionnaire R.D. 37 pour le correspond - ance chifree avec les authorities diplomatiques consulaires et coloniales"*. 1940. 4 figure code book for diplomatic, consular, and colonial correspondence. Smaller than the previous few books but hard backed and not such good condition.

585 French - *„Dictionnaire B.D.G. 27"*. 5 figure code book, 1935. Hard back book, fairly thick and in good condition.

586 *„A.R.3"*. *„Guide et instruction, pour l'emploi du dictionnaire V.N.3"*. French naval 5 figure code (1939). Hard back book, fairly thick and in good condition.

587 French - *„C.A.30"*. 5 figure code book. 1939. *„Ministere de la Marine"*. Hard back book in good condition and fairly thick.

589 French - *„T.B.M.54"*. 5 figure code book. 1935. Similar to 590 - a hard back book in good condition and fairly thick.

590 French - *„GE 58"*. *„Airaute francaise"*. 5 figure code book. 1940. Hard back book, in good condition, fairly thick.

625 German - *„Spruchschlussel fur fu.fe verkehr SZ42 Sat nr.300"*. Thin paged, typed tables.

626 German - *„Spruchschlussel fur fu.fe verkehr SZ 42 Satz nr 301"*. Similar to 625. Thin paged, typed tables.

635 German - *„Spruchschlussel fur fu.fe verkehr SZ 42 Satsz nr 355".* Thin paged, typed tables.

636 German - *„Spruchschlussel fur fu.fe verkehr SZ 42 Satz nr 356".* Typed tables in a bound booklet.

646 German - Translation only: Contents - Unidentified sheets containing 12 columns, 55 lines deep of 2 digit numbers with a 4 digit guide column on the left margin.

653 German - *„Wehrmacht-Fernschreibeschluessel SZ40 N 1 (3 cops) Gebrauch April".* Envelope containing (a) Grundschluessel - block of 31 sheets each giving daily wheel settings throughout month (b) Spruchleussel - 5 printed sheets 4 valid for 6 days, 1 for 7 days, giving letter in alphabetical sequence vertically on left and right with wheel numbers 1-12 horizontally along the top, and 2 digit numbers in the cols thus formed. Received from Berchtesgaden.

654 German - *„Wehrmacht-fernschreibschluessel SZ 40 N 2 esatz 1 April bis 30 Juni 1945".* Envelope containing (a) Grundschleussel - block of 31 sheets each giving daily wheel settings throughout the month (b) Spruchschleussel - 5 printed sheets, 4 valid for 6 days, 1 for 7 days, giving letter in alphabetical sequence vertically on left and right, with wheel numbers 1-12 horizontally along the top, and 2 digit numbers on the cols, thus formed. Received from Berchtesgaden.

655 German - *„Wehrmacht-fernschreib-Eratzscuesse, fuer Januar bis Maerz 1945,".* Envelope containing (a) Grundschluessel-block of 31 sheets giving daily wheel settings throughout month (b) Spruchlussel - 5 printed sheets, 4 valid for 6 days, 1 for 7 days, giving letters in alphabetical sequence vertically on left and right, with wheel numbers 1-12 horizontally along the top, and 2 digital numbers in the columns, thus formed. Received from Berchtesgaden.

656 German - *„Verichtungsverhanlungen w.fschr spr schl."* Folder containing register relating to T/P keys; gives serial No. and dates when received and signatures of officials responsible for destroying them December 1942 - November 1944. Received from Berchtesgaden.

657 German - *„Heeres-stas-maschinenschlussel"* Ost Nr 123. TP Key settings.

658 German - *„Wehrmacht-fernscreibgrundschlussel"* T 52d Norween Nr 7. TP Key settings.

659 German - *„Wehrmachfernschreib-offizierspruchschlussel."* T52e. T/P Key settings.

660 German- *„Wehrmacht-frnschrei-Erfatgrundschlussel 1945/II. T52d/e".* T/P Key settings.

662 - German - *„Norwegen Ersatz de Wehrmacht - fernschrei-spruchschlussel 1945/1 SFMT 52d/e."* Copy of no 1 of book containing T/P key settings for use daily throughout the month, 1945. Received from the field. NOTE IN THE BOOKLET- TO V (P FREEMAN) FOR GIFT TO SWEDES 19 MAY 1992.

663 German - *„Der Schlussellzusatz 42 zim fernscheiber Heft I. Vorlaeufrie Geraetebschreibung."* Book of typewritten instructions on equipment and use of teleprinters and spare key for encyphering and decyphering. Received for Berchtesgade. Typed but a bit tatty - with translation and diagram.

664 German - *„Der Schluess lzusatz 42 zum fernschreibe Heft II. Vorlaeufige Betriesvorschrift."* Book of typewritten instructions on equipment and use of teleprinters and spare key for enciphering and deciphering. Received from Berchtesgaden.

666 German - *„N46094 B375 2nd copyunktion - diagram sender“*. Functional. Diagram of teleprinter transmitter. Received from Berchtesgaden. Diagram in folder.

667 German - *„Vorlaeu fige Betriebsvorschrift fuer den schlussel - zusatz 42 sum fernscreiber.“* Red folder: almost on exact copy of T664 with additional diagrams). Received from erchtesgaden. Paper in folder.

668 German - *„Wehrmacht-fernschreibspruchschlusel SFM T52C“*. Tables in a small booklet.

669 German - *„Wehrmacht-fernschreibspruchsclusse“*. *„SFM T52d/e“*.Tables - in small booklet.

670 German - In envelope: Scraps of paper containing notes on 5/F code, including handwritten plain language texts and some equivalents. A torn-off calendar sheet bearing the dates 25-27 Feb 1945. Received from Newmunster.

684 *„Germany, communications, teleprinter“*. *„Beschreibing und Einstellvorshrift des Lochstreifensenders LS 36"*. Lorenz Co's handbook-description of and instruction for installation of tape-punch teleprinter LS-36, undated. Received from Kesselring's fish-train. German typed and photo of LS 36) - Lochstreifensender.

685 German - *„Anleitang zum olen der fernschreiber T3851, T 38 asi.“* Directions for outing oiling teleprinter equipment as numbered above. Dated 1941, 42. Received from Kesselring's *'fish'*-train. Original manufacturing instructions.

686 German - *„Der fernschreier streifenschreiber t type 34f and III“*. Siemen's handbook, catalogue description of teleprinter and parts with diagrams. Received from Kesselring's *'fish'* train. Typed book of instructions in good condition.

687 German - *„Der 1 KW Sender b(1 KW s.b)“*. Description with diagrams of transmitter, dated 1942. Received from Kesselring's *'fish'* train. Typed in German. Original plans/instructions.

688 German - *„Maschurien S-Gerate.....“*. Two booklets describing equipment of mobile teleprinter van, dated 1940. Receipts for teleprinter parts, 1945. Received from Kesselring's *'fish'* train. Typed in German.

689 German - *„Das fernschreib-Anschlussgerraet“*. Circuit diagrams, connections. Teleprinter: dated 1 Feb 1943. Received from Kesselring's *'fish'* train.

690 German - *„Fernmeldtechnik im Heere, Heft 1 Augemeine Elektrizitaethelve“*. Blue printed booklet on technicalities of teleprinting. Dated 19 July 1938. Received from Kesselring's *'fish'* train.

691 German - *„Fermeldtechnik im Heere. Heft 2 fernsprechsechnik“*. Blue printed booklet on technicalities of teleprinting. Dated 20th August 1939. Received from Kesselring's *'fish'* train.

692 German - *„Lorenz-Lechsreifenender LS 36; Einstellverscrift und Apparatbesching.“*. Original instructions. Lorenz's booklet on tape punch teleprinter LS 36, undated. Received from Kesselring's *'fish'* train.

693 German - ***2X COPIES.*** Originals. *„Lorenz-Handlocher HL 38. Appartbeschreibung und Einstelkoshcrift.“* Lorenzo's booklets on this teleprinter. Undated. Received from Kesselring's *'fish'* train.

695 German - *„Lorenz-Fernschreiber T36. Streifrischreiber Apparateschreibung.“* Original booklet. Lorenzo's booklet on tape teleprinter, undated. Received from Kesselring's *'fish'* train.

697 German - *„Kurzwellenemplfaenger a (KW E.A).“* Original booklet. Booklet on short wave receiver (KW E .A) Received from Kesselring's *'fish'* train.

703 German - ***2X COPIES.*** *„Die Fernschreimaschine“*. *„Stifenschreibr Type 34; Betriebsvorschrift und verzerchnix der taile und bilder“*. *'Siemens'*. Originals.

704 German - *„Der Fernschreineier T36 Lo"* & original docs. Book of instructions; also a memo form OkH to Chef HNLO which was sent with booklet.

711 German - Original plans and diagrams. Communications. Germany comms, General. File of photostats, blueprints etc of various types of electrical communications equipment.

712 German - *„Schlenden, Karl, patentschrift etc."* Original docs in folder. File of patent specifications, correspondence with teleprinter, Hollerith etc, ie various items of W/T equipment. 1935-43.

713 German - Loose in folder: Original plans. Communications Germany - comms-General, circuits, rough drawings of various types of circuits with blueprint of Hollerith Machine circuits.

716 German - *„AEG Magnetophon"*. Original manufacture instruction booklet with diagrams and pictures (& wirings) of Magnetophon A 1000 L40.

717 *„Tonschreiber A 1000 L40"*. Instructions booklet with diagrams and charts covering Magnetophon A1000 L 40 and Tonschreiber A1000 L40. Partially duplicated in 716 (Magnetophon). In German; Original with diagrams.

718 German - *„Dezimeter-Gerat DMG 3 G Beschreibung und Betriebsiouschrift. Heft 1 Hochfreuenz-Teil Juni 1941."* Instructional booklet, issued by the Telefunken firm, on the DMG G2 a high-frequncy set. Received from Berchesgaden.

721 German - *„Schlusselfernschreibvorschrift. Guctig fur die wehrmacht v. 1 dc 1942."* Instructions for the use of teleprinter keys and wheel settings. Received from Berchtesgaden.

722 German - *„B73 Hollerith, dentische Hollerith Maschinen GmbH"*. Folder of circuit diagrams and typewritten instructions on procedure for Hollerith type D11d. Loose papers in folder.

732 *„B16"* - Complete French 4-fig diplomatic codebook, undated. Known as *„F1"* - See T506 for encoding version. Hard backed and neatly catalogued.

733 *„F18"*. Partially recovered French 4-fig diplomatic code, undated. Neatly catalogued.

734 *„Differenze-codice F1"*. Book giving differences for French 4-fig code groups, undated. Hard backed book, neatly catalogued.

735 *„F18"*. Partially recovered French 4-fig diplomatic code, undated. Hard backed book, neatly catalogued.

736 *„F18 Registro No 2"*. Book containing group occurrences of French 4-fig diplomatic code. Beginning to fall apart.

737 *„F18 Registro No 1"*. Book containing group occurrences of French 4-fig diplomatic code. Hard backed book but falling apart. Pencil script very faint.

738 *„F18"*. Partially received French 4 -fig diplomatic codebook, almost exactly the same as T735, undated. Good condition, hardbacked and neatly catalogued.

739 French - *„F18 registro No 3 Dal No 301 al 400"*. Book containing group Occurrences of French 4-fig diplomatic code. Good condition, hard backed and neatly catalogued.

740 *„F18 Registro No 4"*. Book containing group occurrences of French 4 figure diplomatic book. Good condition, hard backed and neatly catalogued.

741 *„F18" Registro No 5"*. Book containing group occurrences as French 4 fig code. Undated. Hard backed book. Neatly catalogued.

742 *„F18, Registro No 7"*. Book containing group occurrences of French 4 fig diplomatic code. Undated. Hard backed book, neatly catalogued.

743 *„F18, No6"*. Book containing group occurrences of French 4-fig diplomatic code.

Undated. Hard backed book.

744 French 4-fig diplomatic codebook: a few groups left blank otherwise wholly recovered. Does not appear to be the same code as 732, 733, although it has the same title. Undated. Pencil script.

745 - *„Cifrante F18".* Partially recovered encode for 4-fig French Diplomatic code. Undated. Docs in folder/envelope in pencil script.

747-748 - Rumanian - Two volumes, complete photostatic copy of Rumanian 5 fig diplomatic code. Groups 00000-99999. Code does not run alphabetically, these volumes for decoding. These 2 vols duplicated by 746. Undated. Thick books.

749-750 - Rumanian - Various types of worksheets, docs, diagrams in typed script.

753 *„Avertenze ed istruzions per l'uso del sistema di cifratina a griglia indefintion mnemonica P1, P2".* Instructions for the use of Italian Army grille indefinite mnemonic cipher system P1, P2. Received from A.F.H.Q, Italy.

754 *„Instruzions per il sistemna di sopracificaion „G".* Instructions for the use of the Italian Army re-encypherment system „G". Received from A.F.H.Q, Italy.

755 *„Istruzions per il sistema di sopracifratura mnemonico 'S'".* Instructions for the use of the Italian Army mnemonic recypherment system *„S".* Received from A.F.H.Q.

756 *„Avvertenze ed instruzions per l'uso del sistema di cifratura a girglia indefinition 'KZ'".* Loose papers in envelope. Instructions for the use of the Italian army grille cipher system *„K2".* Received from A.F.H.Q., Italy.

757 *„Istruzion sull'uso des sistema segrete per indicare posiziom topografiche".* Instructions for use of secret system for indicating topograpghical positions. Italian. Received from A.F.H.Q, Italy.

758 *„Sistema di sopracifratura con blocco di tabelle soltrative 'I'".* Loose papers in envelope. Explanation of the Italian system of recyphering with blocks of subtraction tables, Army. Received from A.F.H.Q, Italy.

759 *„B40" „Sistema di erfratura 'W'".* Loose papers in envelope. Description of the Italian army cipher system „W". Received from A.F.H.Q., Italy.

760 *„Studio analitizo del sistema di sopracifratura di reperton a gruppi di cifre mediannte tabelle numberichtte aggiuntive."* An analytical study of the recyphering system of figure code groups by means of additive numerical tables. Cover bears name (prob author) *„Giuseppe Gazzo Magglione del Genio Navale".* Received From A.F.H.Q., Italy. Typed booklet.

761 Italian - *„Specchio dimonstrative dei Marconi-grammi ricevuti giernalmente luglio, Agoste 1944."* Daily analysis of traffic received (misc countries) covering months of July and August 1944. Received from A.F.H.Q, Italy.

762 *„B40" „Avventenze ed instruzions pe l'uso der sistema di sopraifrature 'Q'."* Instructions for the use of the XX Italian Army re-encypherment system *„Q".* Received from A.F.H.Q., Italy.

768 *„Notiziario Intercettazion Diplomatiche".* 10 volumes - translations into Italian of diplomatic decodes or clear texts of following countries: Argentina, Belgium, Brazil, Bulgaria, Chile, Croatia, Denmark, Egypt, France, Great Britain, Greece, Irish Free state, Jugoslavia, Mexico, Portugal, Roumania, Switzerland, Turkey, USA, Vatican. Received from A.F.H.Q., Italy

763 - Nos 1-20 June. Italian Diplomatic 1945 (?).

764 - Nos 21-40 August 1944- September 1944 (bad condition).

765 - Nos 41-60 Sept 1944 - Nov 1944.

766 - Nos 61-80 Nov 1944 - Jan 1945.

767 - Nos 81-100 January 1945.
768 - Nos 101-120 Jan 1945 - Feb 1945.
769 - Nos 121-140 Feb 1945 - March 1945.
777 - (Flimsy papers in folder). *„Portugal"*. Decodes of traffic between Lisbon and the various Portuguese consulates, dated Aug-Oct 1944.
778 - *„Polen"*. Decodes of traffic between the Polish Government in London and the various Polish consulates, dated Aug-Oct; 1944. (Loose papers in folder).
779 - (Flimsy papers loose in folder). *„Polen"*. Decodes of traffic between the Polish Government in London and the various Polish consulates, dated Aug-OCt 1944.
780 - *„Schweiz"*. Decodes of traffic between Bern and the vaious Swiss consulates, dated Aug-Oct, 1944.
781 - (Flimsy papers in folder). *„Griechenland"*. Decodes of traffic between the various Greek consulates, dated Aug-Oct 1944.
782 - (Flimsy papers in folder). *„Frankreich"*. Decodes of traffic between the various French Embassies, dated Aug-Oct 1944.
783 - (Flimsy papers loose in folder). *„Turkei"*. German translations of decodes of traffic between the various Turkish Embassies, dated Aug-Oct 1944. Part of the Okw/Chi archives.
786 - (Papers in envelope). *„Danemark"*. German translation of decode of traffic between Tokio and Copenhagen (2 msgs) dated Sept 11 1944. Part of the Okw/Chi archives.
788 - (Papers in envelope). *„Chungking-China"*. German translations of decodes of traffic between the various Chinese Embassies, dated Aug-Oct 1944. Part of the Okw/Chi archives.
789 - *„Chile"*. German translations of decodes of traffic between the various Chilean Embassies, dated Aug-Oct 1944. Part of the Okw/Chi archives. (Papers in envelope).
790 - *„Bulgarien"*. German translations of decodes of traffic between the various Bulgarian Embassies, dated Aug-OCt 1944. Part of the Okw/Chi archives.
791 - *„Brasilien"*. German translations of decodes of traffic between the various Brazilien Embassies, dated Aug-Oct, 1944. Part of the Okw/Chi archives.
792 - (Papers in folder). *„Belgien"*. German translations of decodes of traffic between the various Belgian Embassies, dated Aug-Oct 1944. Part of the Okw/Chi archives.
793 - (Papers in envelope). *„Argentinien"*. German translations of decodes of traffic between the various Argentinien Embassies, dated Aug-Oct 1944. Part of the Okw/Chi archives.
794 - (Loose flimsy papers in folder). *„Iran"* German translations of decodes of traffic between the various Iranian Embassies, dated Aug-Oct 1944. Part of the Okw/chi archives.
795 - *„Irland"*. German translations of decodes of traffic between the various Irish Embassies, dated Aug-Oct 1944. Part of the Okw/Chi Archives.
796 - *„Italien"*. German trnaslations of decodes of traffic between the various Italian Embassies, dated Aug-Oct 1944. Part of the Okw.Chi archives. (Papers in envelope).
800 - (Loose papers in folder). *„Fredes Norwegen"*. German translations of decodes of traffic between the Norwegian embassies, dated Aug-Oct, 1944. Part of the Okw/Chi archives.
802 - (Loose papers in folder). *„Schweden"*. German translations of decodes of traffic between the various Swedish Embassies, dated Sept-Oct, 1944. Part of the Okw/Chi archives.
804 - German correspondence between Okw/Chi and the intercept stations, Lauf Freuenbrietzen, Tennerrche from 1939-45 concerning the administration and instructional details for intercepting.....traffic of numerous.....of the Okw/Chi archives.
805 - (2 photostats 1 in German and 1 translation). Report on Russian deciphering in the former German Army. *„Bericht uber die russiche entzifferung"* Typewritten report by

Lt Dettman and Obm Samsonov on the decipherment of Russian military and NKWD traffic.

806 - *„Rufzeichenliste mit Angabe der wellen (m) bzw frequenzen (Khz)"*. Book of callsigns with wave lengths and freqs in alphabetical order.

810 - Hard backed book. *„Deutsches satzbuch (Nr.4)"*. (German copy nos 672 & 396).

831 - Sealed envelope of Special Enigma keys (Army).

832 - Sealed envelope of Special Enigma keys (Army).

833 - Sealed envelope of Special Enigma keys (Army).

834 - Sealed envelope of Special Enigma keys (Army).

835 - Sealed envelope of Special Enigma keys (Army).

836 - Sealed envelope of Special Enigma keys (Army).

837 - Sealed envelope of Special Enigma keys (Army).

838 - Sealed envelope of Special Enigma keys (Army).

839 - Sealed envelope of Special Enigma keys (Army).

840 - Sealed envelope of Special Enigma keys (Army).

841 - Sealed envelope of Special Enigma keys (Army).x2

842 - Sealed envelope of special Enigma keys (Army).x2

843 - Sealed envelope of Special Enigma keys (Army). x2

844 - Sealed envelope of Special Enigma keys (Army). x2

846 - Sealed envelope of Special Enigma keys (Army). x4

848 - Sealed envelope of Special Enigma keys (Army).

849 - Sealed envelope of Special Enigma keys (Army).

850 - Sealed envelope of Special Enigma keys (Army).

851 - Sealed envelope of Special Enigma keys (Army).

852 - Sealed envelope of Special Enigma keys (Army).

853 - Sealed envelope of Special Enigma keys (Army).

877 - *„Code 71"*. 4 figure codebook, dated 1940, from Schliersee. Fragile papers in folder.

878 - Practically complete reconstruction of a 5 figure codebook. Dated 1930, from Schliersee. Fragile document in folder.

879 - *„36"*. Partially constructed codebook (4 figure). Dated 1930, from Schliersee.

880 - *„50"*. Partially constructed 4 figure codebook. Poss date 1931, from Schliersee.

881 - *„49"*. Partially constructed 4 figure codebook. Date 1931, from Schliersee.

882 - *„Dossier du chiffre."* Instructions to the cipher dept for action to be taken in the event of a mobilisation order. Dated 1936, from Schliersee.

883 - Partially reconstructed 3 or 4 figure codebook, undated, from Schliersee. Photostat copies.

884 - *„Dictionnaire de correspondence chiffre, 1900"*. 4 figure codebook, dated 1900, from Schliersee. Original doc in envelope.

885 - *„F.Z.C.18"*. Partially constructed 4 figure codebook, undated, from Schliersee. Delicate, stained book.

886 - *„YU5"*. Partially constructed 4 figure traffic. Delicate document in envelopes.

887 - Tables of in 2 figure groups evidently intended for use in communications with various European capitals, 1939-40, from Schliersee. Fragile document in folder.

888 - *„A.H.C."* 2 Files containing reports on negotiations between the Allies (1914-18) on the use of submarine cables; also on the German use of wireless in 1914-18, from Schliersee.

889 - File containing description of various transposition processes used by the Russians in 1914-18, from Schliersee.

890 - Partially constructed 4 figure codebook, undated, from Schliersee. Tatty original in envelope.

891 - Orders imposed by the Germans for the use of various codes (inc Weather code) by the French forces after the Armistice. Also lists of keys to be used for reciphering the French dictionnaire chiffre (date 1919) at stated intervals up to and including 1942; and a few decoded messages passed between Vichy and the Germans in 1940, from Schliersee.

892 - *„F.21 code."* Partially constructed 4 fig codebook, undated, from Schliersee.

893 - *„B21".* Partially constructed 4 figure codebook. Also 2 undecoded messages from Beirut to Paris, dated 1930. Tatty original document.

894 - File of correspondence, mainly from Ministry of War cipher section, dealing with security of radio communications. Dated 1919, from Schliersee.

895 - Report dealing with diagrams on British and Russian Radio Broadcasts heard during the latter half of July, 1940; together with callsigns and frequencies, from Schliersee. Original document, very fragile, in envelope.

897 - Partially constructed 5 letter codebook, undated, from Schliersee.

898 - *„B.3".* Partially constructed 4 figure codebook; with a few decoded messages dated 1937.

902 - *„Chiffre 'Acker'".* Codebook of trigrams for use in Infantry divisions. Undated from Schliersee. Fragile papers in envelope.

904 - *„Code, J.2".* 4 figure codebook, together with some key sheets dated 1942 fom Schliersee. Fragile original book.

906 - *„Bloc de Clef No 1."* One time pads issued for 1941, from Schliersee.

908 - *„Code for Secret correspondence in wartime."* A serbo-Croat 5 figure alphabet code, dated 1917, from Schliersee. Very fragile, original book.

910 - *„Carnet de Condensation et de signalisation."* 3 letter codebook for use of all forces, dated 1942, from Schliersee. Original notebook.

911 - *„Dictionnaire chiffre"*. Modele 1919. Type 2 5 figure codebook for decoding and encoding, from Schliersee. Very fragile, original book.

915 - *„Correction No 4 (Sept 41) au code Aero Reduit Ds-D107."* Booklet containing corrections and additions to the code Aero Reduit DS-D107. Dated 1941, from Schliersee.

916 - *„Correction No 4 (Sept 1941) au code Aero Reduit DS-D107."* Booklet containing corrections and additions to this code Aero Reduit. Dated 1941, from Schliersee. Original booklet, falling apart.

917 - *„Correction No 4 (Sept 1041) au Code Aero reduit DS-D107."* Booklet containing corrections and additions to the code Aero Reduit, DS-D107. Dated 1941 from Schliersee. Original booklet, falling apart.

918 - *„D.S.-B 614. Table de transformation No 14 Mar 1940."* Codebook containing binominal and trinominal tables for encoding and decoding, from Schliersee. Original booklet.

919 - *„D.S.-B.613 table de transformation No 13."* Codebook containing binominal and trinominal tables for encoding and decoding, from Schliersee. Very tatty original booklet.

921 - *„Code Chiffre Serie M"*. 4 figure codebook for the use of vichy and General Langlois, North Africa. Dated 22 Sept 1940 from Schliersee. Tatty booklet.

922 - *„Code Chiffre Serie M"*. 4 figure codebook for the use of vichy and General Langlois North Africa. Dated 11 Sept 1940 from Schliersee. Tatty booklet.

923 - *„Code Chiffre, Serie 71."* Four figure codebook for use of the Army. Dated 1940 from Schliersee. Booklet falling apart.

924 - *„Code Chiffre, Serie 71.“* Four figure codebook for use of the Army, Dated 1940 from Schliersee.

926 - *„PT-38-A“*. A 2 figure codebook, undated from Schliersee.

927 - *„Kod zwjezda (star code).“* 4 figure code for encoding and decoding, dated 1941 from Schliersee.

928 - File containing copy of an intercepted message sent from Algiers to Paris together with decode. Dated 14 Jan 1941 from Schliersee.

929 - *„29"*. Partially constructed 4 figure codebook and some partly decoded messages. Possible date 1937 from Schliersee.

930 - File of 3, 4 and 5 figure messages passed between Spanish towns 1936-38. Some have been worked on from Schliersee.

932 - *„M.P.“* 4 figure codebook, issued 1940. From Schliersee. Original booklet.

933 - *„Ubungs-Serie 21"*. Collection of 4 figure messages passed between Paris and other European capitals, dated 1925-26 from Schliersee.

934 - *„Code provisoire. Guerre-Marine-Air G.M.A.“* Small 3 figure codebook for use of the Armed Forces, issued by Chief of the French forces in Africa. Dated 1942 from Schliersee. Original booklet but falling apart.

935 - *„Catalogue des clefs de Chiffrement des Signaux, dites clefs de secous“*. Book containing bigram tables for use in the Navy. Dated 1940 from Schliersee. Delicate, stained document falling apart.

936 - *„F19"*. A 4 figure codebook that has been largely reconstructed. Dated 1931-32, from Schliersee. Delicate document in folder.

938 - *„Photocopie des S.M.C , Sahara, Maroc, Confins Alegro - Marocaris.“* 4 messages consisting of 4 letter groups and a 4 figure codebook; together with a photostat copy of the same - Dated 1940 from Schliersee.

939 - Decoded Japanese traffic. File containing a number of Japanese messages passed between various diplomatic representatives in Europe and Tokyo; © together with decodes and German translations of the same: 1942-43, from Schliersee.

940 - Partially constructed codebook, possibly 4 figure. Undated, from Schliersee. Delicate document in folder.

941 - *„48"*. Partially constructed codebook, possible 4 figure and undated, from Schliersee. Delicate document.

942 - Partially constructed codebook, 4 figure , dated 1930 from Schliersee. Delicate document.

943 - Partially constructed codebook, possibly 4 figure, undated from Schliersee. Delicate document.

944 - *„28"*. Partially constructed codebook, possibly 4 figure. Begun in 1931 from Schliersee.

945 - *„F17"*. Partly constructred 4 figure codebook, undated, from Schliersee. Very delicate, fragile document.

946 - *„F16"*. Partly reconstruced 4 figure codebook. Dated 1 Jan 1937 from Schliersee. Delicate document

947 - *„R-V Cifrario-1"*. Partially constructed 5 figure codebook. Began in 1931 and ran until 1933; used at intervals until 1939 from Schliersee. Fragile, tatty document.

948 - Rules for the application of enciphering methods. In Russian 12, dated 5 July 1938 from Schliersee. Original and tatty.

949 - *„Liste des stations Cotieres de T.S.F. de la Marine.“* A list of French radio stations with a brief description of their condition. Dated 1919 (OCT) from Schliersee. Fragile and original document.

950 - Booklet. *„Methods for the solution of Running key ciphers.“* Publication of the

Riverbank Laboratories, Dept of ciphers, giving a description of the above methods, date 1918 from Schliersee.

951 - *„A method of reconstructuring the primary alphabet.“* A publication of the Riverbank Laboratories, Dept of ciphers, Geneva, I11 1957.

953 - *„E2".* 5 letter British codebook for reporting movements of foreign vessels in peacetime; together with a re-coding table for use with a reporting code. Date 1931 from Schliersee. Delicate document.

954 - *„Ib 1. Note de principle*
Ib 2. Correpondance
Ib 3. Programme.“
File containing reports on various matters concerning the work of the cipher section of the French war office; Correspondence dealing with the training of officers in cryptology; and the programme of work for the crypto courses. Dates 1927-39 from Schliersee.

956 - *„F13".* (Guerre). File containing decoded and partially decoded messages. Dated 1922 from Schliersee. Tatty document.

957 - File of traffic intercepted by Germans in Spain during 1936 and 1937. Mostly 4 & 5 figure traffic from Schliersee.

958 - *„88844".* Bulgarian diplomatic code, dated 1924. From Schliersee.

959 - *„88844".* Bulgarian diplomatic code, dated 1924 from Schliersee.

962 - Pages from 2 Jugoslav codebooks, photographed 29 December 1941.

963 - *„Cryptography school for cipher instructors, Nos 1-9.“* General considerations on cryptography, undated. Printed in Serbo-Croat from Schliersee. Stained fragile document.

964 - *„Hedjaz“* File containing decoded and undecoded telegrams from French Diplomatic representatives in the Middle East. Dated 1934 from Schliersee. Fragile papers in folder.

965 - Partially constructed Spanish 4 figure codebook. Undated from Schliersee. Delicate document, falling apart.

966 - *„F21.“* Partially constructed 4 figure codebook. Dated 1927 from Schliersee. Delicate document.

968-970 - *„D.S. - D 107 Code Aero Reduit (1940)“.* 3 figure codebook for the use of the Navy. Dated 1940 from Schliersee. Booklets all falling apart.

983 - File of 5 letter messages passed between Vichy and its representatives throughout the world 1941. From Schliersee (Old docs).

984 - File containing worksheets on messages passed between Washington and Vichy 1941 from Schliersee. (Time tested docs).

985 - File containing 3 figure texts dated 1939 tables and worksheets with some broken messages from Schliersee. (Tatty docs).

986 - *„Deutscher Chiffre 1889".* Four figure code book wih German equivalents 1889. From Schliersee. (Water damaged book).

988 - Correspondence dealing with cipher security and numerous other OkH matters. 1939-42. From Schliersee. (Old docs).

989 - Correspondence dealing with supplying various French military missions with codes and ciphers. Dates 1921-31. From Schliersee. (Tatty, damaged docs).

990 - Supplement to list of radio stations granted to the French under the terms of the Armistice Agreement 1941 from Schliersee. Tatty, damaged docs.

991 - File of worksheets with 5 fig and 5 letter texts. Appears to be practice material 1940-41. From Schliersee. (Bad condition).

992 - File correspondence dealing with the security of cipher messages and material 1920-1925. From Schliersee.German translations of a Rumanian description of *„Code is C I“*

together with tables and worksheets 1918 from Schliersee. (Bad condition).

994 - Sanction given by the Germans to the French Armistice Commission for the use of cipher by Gendameine 1943 from Schliersee. (Very old rusty/tatty doc in folder).

995 - 1937. Work on various cipher systems, from Schliersee.

997 - Two files containing traffic and worksheets dated 1934. From Schliersee.

998 - File of correspondence relating to the use of ciphers by the various French military missions throughout the world, 1919-1930. From Schliersee. (Time tested docs).

999 - Correspondence dealing with the investigations made by cipher dept into the articles on cryptography by M. Robert Boncard, numerous newspaper extracts 1934-37 from Schliersee. Very old newspapers looking very tatty.

1000 - *„Presse vom 17 Sept 1943 bis 20 Dec 1943.“* Rumanian Diplomatic traffic, 1943, undecoded 5 fig code. Hard backed folder, flimsy delicate pages.

1003 - *„Lageberichт uber die Gruppe England, Siam, Portugal, Spanien, Lateuramrika ini“*. January 1941. Few papers in folder.

1004 - Rumanian Diplomatic traffic, 1943 - undecoded 5 figure. Loose logs in folder.

1005 - *„Zi 815"*. Rumanian traffic, 1940-1942, undecoded 5/F & 5/F to various addresses: *„externe“, „Digipresse“, „propoganda“*, etc.

1006 - *„R6 III ab 9/6.25"*. Partially reconstructed Rumanian 5 figure codebook. Thick hard backed book, neatly catalogued.

1007 - *„R7 II Berlin a 12 July 1988"*. Partially reconstructed Rumanian 5 figure codebook. Big thick book, neatly catalogued.

1008 - Rumanian 5 figure Diplomatic traffic, unworked - 18 Jan 1943 - 24 March 1943.

1009 - Rumanian??? Loose papers in envelope?

1010 - *„R15 Juni '42 bis August 42"*. Rumanian 5 figure diplomatic traffic, with only the first few groups of each message decoded. Bound in hard backed black folder.

1011 - *„R15"*. Rumanian Diplomatic traffic, 1940. 5 figure, some decoding . Logs loose in folder.

1013 - *„IIR 15.600 bis 1200"*. Rumanian diplomatic 5 figure traffic, 1940. - partially worked. Logs loose in folder.

1014 - *„System T.B. Petsamo Juni, 1941"*. Charred fragment of Russian 4 figure diplomatic codebook - photostats. Bound in hard backed brown folder.

1015 - *„System T.B. Petsamo Juni 1941"*. Charred fragment of Russian 4 figure diplomatic codebook - photostats in hard backed brown folder (and in envelope).

1016 - *„Nektere to ZL.Rus.dep.ora Ukazka“*. 5 letter & 5 figure telegrams, 1920/21 Moskow-Prague with decodes. Papers loose in folder.

1018 - *„Russische Abkurzungen“*. Complete photostats of alphabet of Russian abbreviations.

1020 - *„Berichte uber die losung des sowjet-russische chiffrierverfahren - misterya“*. Several reports on breaking of Russian cipher system 1922-32.

1022 - *„Ci frano speciale“*. Copia N170 & 185. Italian 3 figure code. Oct & Dec 1917 (Red and Blue docs) - 2 separate booklets, originals.

1024 - 45 prints. Russian 4 fig, 1929?

1025 - *„RC VII Kod des N.K.I.D im Gebrauch August 1926 bos okt, 1929"*. Exemplar No 1. Russian 4 figure code. Photostats in brown hard backed folder.

1026 - *„Wn-kod II im Gebrauch, 17.Juni 1927 bis 31 Dez. 1930":* Exemplar 1 (Russian 5 fig codes) Photostats in brown hard backed folder.

1027 - *„RC VII Differenz-statistik bcd-abc“*. Russian 3 figure codes. Pencil logs.

1028 - *„Lte Hilfastalistik RC VII - abcd-ba/dc“*. Russian 4 figure code. Photostats of logs.

1029 - German partially recovered Russian 4 figure code.

1030 - *„No II Jan 1927 - 8 Juli 1927".* Russian 4 digit codes. Bound booklet. (1 part)
1031 - *„Wn C III (vneshtong code III). Examplar No 1".* Russian 5 figure code, 1 Jan 1931 - in brown hard backed folder.
1032 - 4 digit code and photostats of logs.
1033 - *„Wnechtorg - kod I material fund L".* Berlinn ab 1 Jan 1926. Russian 4 fig code. Photostats of logs.
1034 - Photostats of 4 figure logs, Russian.
1035 - *„Berlin, 18 June 1935".* Papers loose in envelope.
1036 - *„Sowjetrussen = schlusselmaterial von 1920 bis Gegwrt".* Several circulars relating to Russian ciphers with diagrams and worksheets 1920-24. 13 folders within the main folder.
1037 - *„Zeilenvergleich zum J.V.T. (2)".* Old Italian code, probably telegraphic - undated. Loose papers in folder.
1038 - Logs. *„VII ab-cd, bc-cd, cd-ab"* (numerical tables).
1039 - *„R C V 6 Mai 1925 bis 10 Aug 1925, Exemplar 1".* Russian 4 figure code. Photostats of logs.
1040 - Italian telegrams (K19) and 4 fig codes. Logs and telegrams.
1041 - *„Eduard benesch Demokratie".* Review of a book written by Dr Benes of this title. Envelope with a few loose pages.
1051 - Undecoded Japanese diplomatic traffic with many worksheets. Headed *„Jap 48."* (Loose papers in folder).
1052 - Japanese Diplomatic worksheets headed *„Pasche P16-P20,"*, dated Feb-April 1939. Loose papers in envelope.
1053 - *„Telegramme (48er) aus 1938 die nicht gehen. Anfange umgesetzl."* Undecoded Japanese Diplomatic traffic 1938. Loose papers in envelope.
1054 - *„Einzelbuchstaben - statistiks 1939-40".* Folder of loose papers, hand written.

1055 - Japanese worksheets on diplomatic codes sheets dated 1937, 1938. Loose papers in folder.
1056 - Workings on Japanese Diplomatic codes used between 1934-37.
1058 - *„Abessinien".* French 5 figure code, undated, neatly catalogued.
1059 - Six files of code, mainly photostat copies, mostly worked on. Folders for Ankara, Baghdad, Bombay, London, Meshed, legation Afghanistan, Berlin, Berne, Rome, Tehran; Tokyo, Vichy, Washington. Additional folders for Algiers - Addis Ababa 2) Ankara on Kabul. Dated 1944-45. Work of Dr Lehrman with his Schlussel.
1061 - *„Ath 1".* Deciphering tables and 5 figure codebook messages from Addis Ababa dated Jan 1945. Some logs loose.
1063 - 2 letter and 2 figure code book. Black hard backed book.
1064 - *„Abgelaufere Schlussel".* Afghan traffic, March 1945. Papers loose in folder.

1067 - *„Afgh I 1-200, Afgh201".* Traffic 1939-44, Afghanistan. Hard backed book with some loose pages.
1068 - *„Afgh I 1-200, Afgh 201".* Traffic 1939-44 Afghanistan. Hard backed book with some loose pages.
1069 - Folder containing some traffic, miscellaneous correspondence and some substitution on copies with the numbers of the msgs which they decode. Papers loose in folder.
1070 - Chinese Logs????1944???
1071 - *„A 26.6.44; Ath 7130 or 7230".* 2 files of Abissinian traffic mostly photostats 1944.
1072 - *„Eingang 1944 Afghanan Aethiopa".* Register of Ethiopian traffic 1944). Hand written logs in folder).

1073 - Afghanistan traffic (Ankara-Kabul) with workings 1942. Envelopes marked to Herrn Dr B Lehman, Burg - (word missing)....zur verbrennan.
1077 - Envelope containing traffic Addis Ababa to Washington 1945. Papers in envelope.
1078 - *„TMS, PLC, NSZ, LNP"*. Undated workbook written in pencil.
1079 - ***X3 COPIES***. *„Franzoesische Abkuerzungen Berlin Maerz 1927."* List of French abbreviations used in telegramms, 1927.
1080 - ***X2 COPIES.*** *„Franzoesische Abkverzungen Berlin Maerz 1935".* List of French abbreviations used in telegrams, 1935.
1084 - *„Dokumente zur englisch-franzoesischen polih der Kreigsausweitung"*. Documents dealing with the English and French policy for extending the war 1940.
1088 - *„Geheim!! „Schweizerische Abkurzungen schweizenschen wehrmacht gebrauchlich."* 30 Juni 1939 and 5 copies of French abbreviations in diplomatic traffic 1938. German diplomatic articles.
1089 - *„Differenzbuch XIII 15".* Books of tables, 2 files.
1090 - Logs loose in folder. (German books of tables).
1091 - German Diplomatic Code. Enciphering tables for Bucharest - Moscow traffic 1944. Tables loose in folder.
1092 - *„Instruction relatives a l'emploi du chiffre"* French diplomatic code. Instruction relating to the use of the cipher 1940. Papers loose in envelope.
1093 - French diplomatic 4/F codebook.. Loose in folder.
1095 - Rumanian Diplomatic code. *„15 cifri Grigorcea"*. Large codebook in 10,000 five figure groups. *„R40".* Big thick book with few pencil entries. Quite good condition.
1096 - *„R18".* Partly reconstructed 5 figure. Rumanian codebooks. Not in very good condition. Pencil entries which are very faint.
1097 - *„R18 I"*. Partly reconstructed 5 figure Rumanian codebook, with very faint pencil entries. Not in very good condition.
1098 - *„R 18 II"*. Partly reconstructed 5 figure Rumanian codebooks. Big thick book with pencil entries.
1099 - *„Polnische dokumente zur vorgeshichte des krieges ist folge."* Polish documents dealing with the early history of the war 1940. Printed booklet - original.
1100-1102 - Correspondence. Foreign Office wireless personnel. Logs loose in envelope.
1103 - Correspondence. Foreign Office wireless personnel. Logs loose in envelope.
1104 - Correspondence - ref wireless pers z. Logs loose in folder.
1105-1106 - Correspondence ref wireless personnel, pers z.
1107-1109 - Foreign Office correspondence. Ref wireless personnel.
1110/1112 - Diplomatic correspondence ref wireless - para z.
1111 - *„Funk personal T-TI"*. German Diplomatic personnel. File containing correspondence relating to signals personnel in service of the Foreign Office.
1114 - Japanese diplomatic traffic. Logs loose in envelope.
1116 - Italian Diplomatic Code. Photostat of a codebook. Bound in black hard backed book.
1117 - *„O.K.W. IV 64 Grosse"*. Italian Diplomatic code, 5 figure code book. Stained pages in hard backed book.
1118 - *„It T.B.23".* Italian diplomatic codebook, partly reconstructed. Written in faint pencil.
1120 - *„R22 Grosse"*. Italian Diplomatic Code - partly reconstructed 5 figure code.
1121 - *„Materialverzeichnis ITB 23".* Italian Diplomatic traffic containing a few mesages dated 1945 and a small traffic index. Pages loose in the folder.
1122 - *„Telegrammen - Auszengern u Paris 1930-31."* Japanese diplomatic code. Jap cribs in clear German. Pages thin and loose in the folder.
1123 - *„F.B.48 T.B.8 - 17 Feb 39 - B.T. 10-18 Feb 39."* Japanese diplomatic traffic, partly

decoded messages and a few worksheets. Pages loose in the folder.

1124 - *„Jap Berichte JB35".* Japanese Diplomatic code worksheets and a few messages with a description for the set up of JB35. Pages loose in the folder.

1125 - 1919-1941. Japanese diplomatic traffic. Papers loose in folder.

1127 - *„Neu Jap Mess und heer marine 62".* Japanese diplomatic traffic. Messages with workings (1945) by Dr Orr Schauffer.

1128 - *„Chin Klartext nebst der umsetzung nach dem chineischen telegraphencode".* Chinese diplomatic code, some broken messages with worksheets (1930).

1129 - Italian Diplomatic traffic. 5 letter traffic, 1945. Pages loose in folder.

1130 - Japanese Diplomatic traffic, partly decoded, 1919. Pages loose in folder (and a black folder).

1131 - *„J.B. 15ab".* Japanese Diplomatic code. Codes and worksheets. Pages loose in folder.

1132 - German diplomatic articles. Notes on transporting contents of crypto office (in smaller envelope).

1136 - Japanese diplomatic code, some photostats and original logs, loose in folder.

1137 - Photostats of Japanese logs, approx 1945.

1138 - *„00-99".* Photostat copy of Rumanian 5 fig code. Black hard backed book.

1140 - Rumanian logs, loose in folder.

1141 - *„R10".* Rumanian traffic with decodes, 1932, 1939.

1143 - Partially reconstructed Rumanian codebook with 5 digit groups in numerical order followed by values in Rumanian. Small booklet.

1149 - Translations of Japanese Diplomatic messages from various Japanese legations to the Foreign Ministry in Tokyo. Loose in envelope.

1150 - Chinese Diplomatic decodes of translation 1943-44.

1151 - Chinese traffic. Logs loose in envelope.

1152 - Chinese traffic. Logs loose in envelope.

1153 - Small booklet with only a few pencil entries. Containing names of Chinese Ministers in various capitals.

1154 - *„Originale Ausgange".* Blue folder; decodes (some in English) of Chinese Diplomatic traffic (loose logs in folder).

1161 - Chinese Diplomatic Diplomatic (decoded), 1945.

1162 - *„4200 4452".* A few 1944 messages, some of which have been deciphered.

1164 - Chinese Diplomatic Traffic, 1943-44 and worksheets. Logs loose in folder.

1165 - Chinese Diplomatic traffic, 1944 - deciphered binder also contains worksheets on the traffic dated 18 Dec 1943.

1166 - Chinese logs in folder.

1169 - *„Rohrbachs".* Worked Chinese traffic. Loose logs in envelope.

1170 - *„Altes material HNM (abc)".* Chinese diplomatic traffic. Folder of 1944 Chinese diplomatic much of which has been deciphered.

1172 - *„HNM U.S.".* Folder containing 1944 Chinese Diplomatic traffic, partly deciphered; also several worksheets. Loose in folder.

1173 - Folder containing Chinese diplomatic traffic, which has not been worked on, undated.

1176 - *„BD 28 Vichy".* Partially reconstructed code, undated, pencil entries.

1177 - *„BD163".* Partially reconstructed code - undated. Falling apart with pencil entries.

1178 - *„BD 16 Ergenzugen".* Partially reconstructed code undated. Pencil entries.

1179 - *„BD 16".* Partially reconstructed code, undated. Entries written in pencil.

1180 - Partially reconstructed code - undated. Falling apart, very feintly written in pencil.

1181 - *„BD 16 Ergaeizungen".* Partially reconstructed code- undated. Pages loose with pencil entries.

1182 - Partially worked 5 figure traffic - 1941. Logs bound in hard backed folder.
1184 - *„BD 35 II BC dae"*. Partially reconstructed code. Very neatly catalogued.
1185 - *„Bulgaria - BD 35 I bcdae"*. Partially reconstructed code - undated.
1186 - *„BD 32"* Binder of decoded traffic, 1942-44. Logs bound in hard backed folder.
1187 - *„BD 30 II 1-88"*. Binder of decoded Bulgarian traffic, 1943. Logs bound in hard backed folder.
1188 - *„BD 33 I U II"*. Binder of decoded Bulgarian traffic, 1944.
1191 - Contains various documents about Poland including one decoded message, a list of the Polish Cabinet, information on Kennen Gruppen etc. Logs loose in folder.
1193 - Russian/Bulgarian 5 figure??
1194 - Totals of diplomatic traffic to and from Kroatia, Poland and Bulgaria. Loose in envelope.
1208 - Spanish Diplomatic code. Partially reconstructed 4 figure code with occurrences. No date. Neatly catalogued. Thin folder.
1209 - Spanish Diplomatic codes. Partially recovered code with occurrences. Only a few plaintext entries made. No date. Neat, thin folder.
1210 - Spanish Diplomatic code. *„Code 101"*. Partially recovered 4 figure code with no date. Name *„Brockman"* appears on the outside. Thin folder with neat hand written entries.
1211 - *„Spanien 108"*. Partially recovered code, with occurrences. Enclosed is a copy in plaintext of a message of 1935. Neat booklet with pencil entries.
1212 - Spanish Diplomatic code. *„109"*. Partially recovered code. Most of the groups known. No date. Thin, neat folder with hand written pencil entries.
1213 - Spanish diplomatic code. *„Code 109"*. Partially recovered 4 figure code with no date. The thin neat folder, with hand written entries.
1214 - Spanish Diplomatic code, *„Code 111"*. Partially recovered 4 figure code with no date. Thin, neat folder with hand written entries.
1215 - Spanish Diplomatic code. *„113"*. Partially recovered code with no date. Pencil hand written entries, very neat.
1216 - Spanish Diplomatic code. Partially recovered code with no date. Thin folder with neat entries.
1217 - Spanish Diplomatic Code. *„113"*. Partially recovered code wth no date. Thin folder with neat hand written entries.
1218 - Spanish Diplomatic Code. Partially recovered code with no date. Thin folder with neat entries.
1219 - Spanish Diplomatic code. *„113"*. Partially recovered code - no date. Hand written entries.
1220 - Spanish Diplomatic Code. *113"*. Partially recovered, no date. Booklet with hand written pencil entries.
1221 - Spanish Diplomatic Code. *„113"*. Partially recovered code, no date. With hand written pencil entries.
1222 - Spanish Diplomatic Code, *„113"*. Partially recovered code, no date, with hand written pencil entries. Booklet.
1223 - Spanish Diplomatic code. *„118"*. 4 figure groups with occurrences, no date. With a few hand written pencil entries.
1224 - Spanish Diplomatic Code. *„119"*. Partially recovered code book, no date. Neat booklet with hand written pencil entries.
1225 - Spanish Diplomatic code. *„SP 121"*. Partially recovered 4 figure code, no date. Neat booklet with hand written entries.
1227 - Spanish diplomatic Code. *„Spanien 126"*. 4 figure code groups with occurrences, no

date. Neat booklet with very few entries.

1228 - Spanish Diplomatic code, *„SP 171"*. 4 figure code groups with a few occurrences listed. Included are 2 undecoded messages of 1936 and 1937. Some loose pages.

1229 - Spanish diplomatic Code. *„SP 937"*. Decoded messages 1937; also encoding and decoding tables. Big black, hard backed folder.

1230 - Spanish Diplomatic traffic. *„Tonger 936"*. Decoded messages 1937; also a deciphering table. Loose pages in the folder.

1231 - Spanish diplomatic Code. *„Umsetztafel fur code 935c reduzien auf code 168."* Conversion tables. Very thin, neat booklet.

1232 - Spanish Diplomatic Code" *„SP Valencia, Uberschlusselungen Zu 172"*. Enciphering tables, a separate one for each of various capitals. Loose pages in folder.

1233 - Spanish Diplomatic Code. *„Moskau 172 mit schlussel"*. Partially recovered code, no date. Booklet with hand written pencil entries.

1234 - Spanish Diplomatic Code. *„SP 172"*. Partially recovered 4 figure code, no date, with hand written pencil entries.

1235 - Spanish Diplomatic code. *„Valencia 174"*. Partially recovered 4 figure code with occurrences, no date. Booklet with hand written pencil entries.

1236 - Spanish Diplomatic Code. *„SP 128"*. 4 figure code groups with occurrences. No date. Booklet with very few entries.

1237 - Spanish Diplomatic code. *„Spanien 132"*. 4 figure code groups with a small number of occurrences; also a few worksheets; some plaintext messages in Spanish and one in German. 1930-31. Booklet with very few entries.

1239 - Spanish Diplomatic code, *„Span 166 I"*. Partially recoveed 4 fig code taken from binder containing partially decoded traffic, 1937. With hand written pencil entries.

1240 - Spanish Diplomatic Code. *„SP 168"*. Partially recovered 4 figure code, no date. With hand written pencil entries - some difficult to read.

1242 - Spanish Diplomatic code. *„157"*. Partially recovered code; also worksheets entitled *'statistik'* zu code 157; no date. Hand written entries and some loose pages.

1243 - Spanish Diplomatic code, *„Code 157"*. Partially recovered 4 fig code, no date. Hand written entries, some difficult to read.

1244 - Spanish Diplomatic code, *„Code 167"*. Partially recovered 4 figure code, no date. Also a brief message dated 1932, with hand written pencil entries.

1245 - Spanish Diplomatic code, *„Code 167"*. Partially recovered 4 fig code, no date. Also a brief message dated 1932, with hand written entries.

1246 - Spanish Diplomatic code. Partially recovered 4 fig code, no date. Hand written entries - neat but fairly difficult to read.

1247 - Spanish Diplomatic traffic. *„Span 164"* 4 figure groups with occurrences only, no date. Booklet with very few entries.

1248 - Spanish Diplomatic Code. *„SP 170"*. 4 figure groups with a small number of occurrences, no date. Very few entries.

1249 - Spanish Diplomatic code" *„Spanien 155"* Partially recovered 4 figure code, no date. Also included some diplomatic messages , decoded 1935-36. Some loose pages, hand written pencil entries.

1250 - Spanish Diplomatic code. *„Spaniane 156"*. Partially recovered 4 figure code, no date. Also decoded messages 1938. Hand written pencil entries.

1251 - Spanish Diplomatic Code. *„Spanien 156"*. Partially recovered 4 fig code, no date. With a few hand written pencil entries.

1252 - Spanish Diplomatic code. *„SP 138"*. Partially recovered 4 fig code with occurrences.

Also some worksheets with no date. Some loose pages.

1253 - Spanish Diplomatic code. „*SP 142*". Partially recovered code with occurrences, very few entries and no date. Neat booklet.

1254 - Spanish Diplomatic code. „*S144*". Partially recovered code with occurrences, no date. Booklet with a few pencil entries.

1255 - Spanish Diplomatic code. „*Span 166 II*". Partially recovered 4 figure code with occurrences, no date. Neat booklet with handwritten pencil entries.

1256 - Spanish Diplomatic Code, „*152*". Partially recovered 4 fig code with occurrences, no date. Neat booklet with handwritten pencil entries.

1257 - Spanish Diplomatic Code. „*Spanien 140*". Partially recovered 4 figure code with occurrences, no date. Neat booklet, with pencil entries.

1258 - „*Spanien 148*". Spanish Diplomatic Code. Partially recovered 4 figure code with occurrences, undated. 1 loose page. Pencil entries and in good condition.

1259 - Spanish Diplomatic Code. „*161*". Partially recovered 4 figure code. Only a small number of entries, undated. Booklet in good condition.

1260 - Spanish Diplomatic code. „*165*". Partially recovered 4 figure code with occurrences, undated. Pencil entries.

1261 - Spanish Diplomatic Code. „*114*". 4 figure code groups with a few occurences. One worksheet, undated. 1 loose page in booklet. Very few entries.

1262 - Spanish Diplomatic code. „*Spaninen 112*". 4 figure code groups with a small number of occurrences, undated. Very few entries.

1263 - „*S.P.73*". Spanish Diplomatic code. 4 figure groups with a small number of occurences. A few worksheets, undated. Very few entries.

1264 - Spanish Diplomatic traffic. „*Span.valencia 5-steller (Mexiko)*". Messages of 1937, not decoded but partially worked on worksheets attached. Pages loose in folder.

1265 - Spanish Diplomatic Code. „*Code-Bestimmung Tabelle (C.B.T.)*". Book of groups with notations after some of these consisting of one or two or three capital letters, no date. Pages loose in folder.

1266 - Loose pages. Code diplomatic. Book of figure-code groups, with occurrences; a few worksheets. National indentity of code unknown, undated. (In same box as Spanish codes).

1267 - Spanish Diplomatic code (photocopy). Sheets loose in envelope.

1268 - Spanish code book. Sheets loose in envelope.

1269 - Red Spanish code book. Sheets loose in envelope.

1270 - Red Spanish code. Sheets loose in envelope.

1271, 3120 & 1238 - Spanish Diplomatic traffic.

1272 - „*Span 191*" Spanish decoded 4 figure; traffic, mostly between Riga and Madrid, 1931-37; also yellow folder for tautolating occurences - very few entries. Bound together in black hard backed folder.

1273 - „*Nat SP 1339 von 24.6.1937*". Decoded Spanish Diplomatic 4 figure traffic 1937-38; also folder with some equivalents filled in. Logs in folder, bound together)

1274 - „*FB Probe 1943*". Decoded Japanese 2/L & 5/L diplomatic traffic to and from Tokio, 1943. Pages loose, with pencil entries.

1275 - Japanese Diplomatic traffic. Logs loose in envelope.

1276 - Japanese Diplomatic traffic Logs loose in envelope.

1277 - Japanese Diplomatic traffic. Logs loose in envelope.

1284 - Correspondence - Foreign Office & shipping times. Papers loose in folder.

1285 - Correspondence between Foreign Office and shipping companies. 1938.

1286 - Correspondence shipping times and Foreign Office. 1938-39. Papers loose in folder.
1287 - Pages loose in folder. Correspondence between Foreign Office and shipping times..
1290 - Instructions for enciphering issued by foreign office. Dated 8 June, 1939 ***X5 COPIES*** (In German). Pages in envelope.
1293 - Index card.
1301 - Workbook of occurrences with few entries.
1302 - *„Madrid-Bukarest"*. Workbook of occurrences with a few pencil entries.
1303 - *„Madrid-Haag augef 5 May 1939"*. Workbook of occurrences, with few pencil entries.
1304 - *„Spanien, Madrid-Washington"*. Workbook of occurrences with few entries.
1305 - *„Brasilien zahlen VII"*. Heading crossed out; workbook of occurences with very few pencil entries.
1307 - *„05959"*. Workbook of occurrences, with very few entries.
1308 - *„Siam"*. Workbook of occurrences; heading crossed out. Very few entries.
1309 - *„Si zi"*. Workbook of occurrences with some equivalents. Heading crossed out - very few entries.
1310 - *„Madrid-Laden"*. Workbook of occurrences with very few entries. Workbook of occurrences.
1311 - Workbook of occurrences with a few values in Spanish. Good condition but with very few entries. *„Bolivien"*.
1312 - *„Satzbuch"*. Correspondence relating to new Satzbuch, 1940-41-B. Papers loose in envelope in German.
1313 - 1. Cables que amarran en las costas de marr uecopi.
2. Notas sibre las commicadiaries de la Peninsula can Africa.
Map showing cables between Spain and Morocco. Also notes on the working of the cables (in envelope).
1316 - *„Hollerith"*. Folder containing correspondence concerning the advisability of adopting the Hollerith machine for use in breaking cipher and codes. Papers loose in folder.
1317 - *„Merring"*. 19et, 20 er, 15 er ?????
1318 - Piece of equipment: Cylinder/crypto.
1319 - *„Hollerith"* - Blank worksheets and miscellaneous papers relating to the Hollerith machine. Papers loose in folder.
1320 - Orange folder containing worksheets on cryptographic exercises. Photostats.
1321 - *„Finland"* - Folder containing worksheets on Finnish traffic of 1940. Papers loose in folder.
1322 - *„Dr Schroter"*. Worksheets and notes on the Hollerith machine. Pages loose in folder.
1323 - *„Schaltanweisungen 1008 & 1009"*. Worksheets on Hollerith machine. With diagrams. Pages loose in folder.
1324 - *„Journal 1010 bis 1019"*. Worksheets on Hollerith machine. Pages loose in folder.
1326 - *„Pol"*. Blue folder containing worksheets on Hollerith machine. With diagrams. Pages loose in folder.
1327 - Folder containing brief notes on English material and a list of radio stations classified as *„friendly and occupied"* and *„enemy and neutral"*. Papers loose in folder.
1329 - Incomplete photostats 4/F codebook in Spanish (in small folder).
1330 - *„247 59 Lissabon-Bukarest, 1921"*. 5 incomplete workbooks on Portuguese 4/F code with pencil entries.
1331 - *„52 Portugal, 1929"*. 5 incomplete workbooks on Portuguese 4/F code with pencil entries.
1332 - *„Port 405 1934"*. 5 incomplete workbooks on Portuguese 4/F code. Papers loose in folder.

1333 - *„502 Port"*. 5 incomplete workbooks on Portuguese 4/F code.
1334 - *„Port 611"*. 5 incomplete workbooks on Portuguese 4/F code, with pencil entries.
1335 - *„754/41 1920 Berlin"*. One of seven Portuguese workbooks for 4/F codes; few values. (1342 for catalogue of codes).
1336 - *„62/146 Port code Paris, Ldn, Bln 1936"*. One of seven Portuguese workbooks for 4/F codes; few values. Contains a numerical conversion table. (1342 for catalogue of codes).
1337 - *„Port. Bern 41/162 Grundcode 41"*. One of seven Portuguese workbooks for 4/F codes; few values. (1342 for catalogue of codes).
1338 - *„Port.gent 59/551"*. One of seven Portuguese workbooks for 4/F codes; few values. (1342 for catalogue of codes).
1339 - *„378/93 London"*. One of seven Portuguese workbooks for 4/F code; few values. (See 1342 for catalogue of codes).
1340 - *„Port Paris 557/93"*. One of seven Portuguese workbooks for 4/F codes; few values. (1342 for cataloguing codes.)
1341 - *„224/59 Warschau"*. 1 of 7 Portuguese workbooks for 4/F codes; few values. (1342 for catalogue of codes).
1342 - *„Verzeichnis der Portugneschen codes"*. Green folder containing lists of stations and numbers of Portuguese diplomatic codes. (1335-1341 for workbooks on these codes). Pages loose in folder.
1343 - *„SP"* - Purple notebook containing Spanish 4/F in alphabetical order - partly completed.
1344 - *„Code 107"*. Notebook with Spanish 4/F code. Contains partly decoded 4/F messages. Pages loose in folder.
1346 - *„SP134"*. Yellow workbook for 4 figure code, Spanish. 1 loose page.
1347 - *„SP 172"*. Blue workbook for Spanish 4 figure code. Very faint pencil entries.
1348 - *„SP175"*. Blue workbook for Spanish 4 figure code, with pencil entries.
1349 - *„SP179"*. Grey workbook on 4 figure Spanish Diplomatic code.
1350 - *„SP 187"*. Blue workbook on Spanish Diplomatic code. Few pencil entries.
1351 - *„SP 209"*. Blue workbook for Spanish 4 figure code; very incomplete.
1353 - *„SP 217"*. Grey workbook for Spanish 4 figure Diplomatic code.
1354 - *„Clause 217"*. 1 of 2 notebooks of Spanish Diplomatic code.
1356 - *„225"*. Purple notebook of 4 figure Spanish code. Faint pencil entries.
1357 - *„SP 229"*. Blue workbook of Spanish 4 figure code. Few entries.
1358 - *„SP 234"*. Blue workbook of Spanish 4 figure code. Few values. Pages loose in folder.
1359 - *„239"*. Workbook of 4 figure Spanish Diplomatic code with few values.
1360 - *„SP 243"*. Blue workbook of 4 figure Spanish Diplomatic code. Few values.
1361 - *„SP 245"*. Blue workbook on Spanish 4 figure diplomatic code. Few values.
1362 - *„Spanien 249"*. Workbook of Spanish 4 figure Diplomatic code. Few pencil entries.
1363 - *„253"*. Spanish diplomatic 4 figure code. Logs loose in folder.
1364 - *„Code 253"*. Pink workbook of Spanish 4/F Diplomatic code.
1365 - *„Code 253"* ***4X COPIES*** 4/F Spanish Diplomatic codebooks. See 1365 for related worksheets.
1366 - *„Code 253"* ***4X COPIES*** 4/F Spanish Diplomatic codebooks. 1369 for related worksheets.
1367 - *„Code 253"* ***4X COPIES*** 4/F Spanish diplomatic codebooks. 1369 for related worksheet.
1368 - *„Code 253"*. ***4X COPIES*** of 4 figure Spanish Diplomatic codebooks. Papers loose in folder. 1369 for related worksheet.
1369 - *„Code 253"*. Blue workbook for a 4 figure Spanish Diplomatic code. 1365-68 for specific codes.
1370 - *„261"*. Notebook of Spanish 4/F Diplomatic code. Feint pencil entries.

1371 - *„271".* Workbook on 4 figure Spanish Diplomatic code. Few values. Loose papers in folder.
1372 - *„301".* Notebook containing 4 figure Spanish code. Good condition.
1373 - *„301":* Notebook containing 4 figure Spanish code. Good condition.
1374 - *„Spanien 302".* Workbook on 4 figure Spanish Diplomatic code. Few entries.
1377 - *„311".* Blue notebook of 4 figure Spanish Diplomatic code.
1379 - *„SP 345".* Blue workbook of Spanish 4 figure Diplomatic code. Few entries, good condition.
1380 - *„402".* Blue workbook for 4/F Spanish Diplomatic code. Very few entries - good condition. Approx 1945?
1381 - *„754/41".* Workbook on 4/F Spanish Diplomatic code, no values.
1382 - *„Q4".* Blue workbook for 4/F Spanish Diplomatic code. Very faint pencil entries.
1384 - *„Grundcode".* Blue workbook for 4/F Spanish Diplomatic code. Papers loose in folder.
1385 - *„Ch".* Spanish 4/F codebook.
1386 - *„Hamburg, Shanghai, Cons., Paris, Wien 55141".* Blue workbook of 4/F Spanish Diplomatic code. Good condition.
1387 - *„Peru, Lima-Genf".* 5/L Peruvian Diplomatic code workbook. Good condition.
1388 - Chile Diplomatic traffic. *„Chile 201 12".* Binder of T/L Chilean traffic - decoded.
1389 - Columbian Diplomatic traffic. Green folder of 5/L diplomatic code.
1390 - Peru, Diplomatic code - workbook - *„Peru Lima-Berlin".* Grey workbook on Peruvian 5 letter diplomatic code. Good condition.
1391 - Diplomatic code workbook. *„Peru, Lima, Genf".* Workbook on Peruvian 5 letter code. Good condition.
1392 - Diplomatic traffic 1941-43. *„Peru Lima-Berlin D 3".* Binder of 5 letter Peruvian diplomatic traffic, undecoded.
1393 - Workbook on 5 letter Peruvian diplomatic code. Loose pages in folder.
1394 - *„Genf-Berlin".* Peru, diplomatic. Pink folder containing worksheets on a Spanish 5 letter code. Loose papers in folder.
1395 - *„041".* Repagination conversion tables for Spanish 5 figure code.
1396 - *„247".* Repagination conversion tables for Spansh 5 figure code.
1397 - *„525".* Repagination conversion tables for Spanish 5 figure code.
1398 - *„689".* Repagination conversion tables for Spanish 5 figure code.
1399 - Repagination conversion tables for Spanish 5 figure code.
1400 - Blue workbook on 4 letter Chilean Diplomatic code in good condition.
1402 - Correspondence, orders, charts pertaining to Army Signals Int-Org. Received from Berchtesgaden typed papers bound in folder, some in telegram form.
1416 - *„Die Luftwaffenschlussel mit den allgemeinen schlusselregaln fur die wehrmacht."* Instructions and regulations Governing the use of G.A.F keys. Original printed book.
1419 - *„Besondere anordnungen fur den funkbetrieb der Luftwaffe, 28 Feb 1945. Grundverfugung."* Basic instructions and regulations governing wireless traffic of GAF. Supersedes issue of October 1941. Original copy, but falling to pieces.
1420 - *„Anlage 2 zu Besondre anordnungen fur des funkbetrieb der luftwaffe wellenverteilling und ruftzeichrieerschlusselung fur den odenfunkverkehr der luftwaffe."* Frequency allocation and call sign encipherment for Ground Traffic of GAF, 1944. 2 booklets in the folder.
1421 - Envelope of papers. *„Netzgesttaltung der drahtnachrichtenverbindungen der luftwaffe.....Anlage I."* Organization and adminstration of land line networks with the circuit numbers allocated to G.A.F. lines.
1422 - Envelope of papers. *„Neurelgelung der Bestimungen uber netzbe zeichung Bearbeitung*

und verwaltung der drahtnachrichten - verbindngen der luftwaffe." New regulations Governing the naming, setting-up, new administration of GAF land line communications.

1434 - Original booklet. „*Schusselfernschreibvorschrift CS.FB) (Gultig fur die wehrmacht)*". Manual of instructions for users of the teleprinter keys. Valid in Armed Forces, 1 Dec 1942. Received from Berchtesgaden.

1437 - Falling apart, no cover and loose pages. Original pages. „*Schlusselfernschreibvorschrift (SFV) Gultig fur die wehrmacht vom 1 May 1945*". Unbound copy of instructions regarding teleprinter codes. Valid for Armed Forces from 1 May 1945. Received from Berchtesgaden.

1442 - Original booklet. „*Die luftwaffenschlussel mit den allgemeinen schlussel regeln fur die wehrmacht.*" Manual relating to handling, distribution and security of keys in the Armed Forces. Received from Bertesgaden. Fairly good condition.

1443 - Good condition, original booklet. „*Rasterersatzverfahren und Notschlussel zum rasterersatzverfahren.*" Directions for use of Raster Emergency key process. Received from Berchtesgaden.

1449 - Envelope of papers. „*Mittelungen uber RV Gerat-DMG5K*". Technical report on the Decimenter DMG SK with circuit diagrams. Received from Berchtesgaden.

1451 - „*T typ 52 ca. Bzw.e*". Description and sketch of equipment for teleprinter relay box. Received from Berchtesgaden.

1452 - In envelope. Lists of keys issued up to date. Received from Berchtesgaden.

1456 - „*Funplan des wehrmacht befehlshabers Danemark vom 18 April 1945, gulting ab 25 April 1945, 0300 uhr.*" Wireless plan for Army Commander-in-Chief, Denmark, to come into effect at 0300 hrs 25 April 1945. Contains complete instructions regarding frequencies, call-signs and key-settings to be used. Papers in envelope.

1457 - „*Frequenxen Russischer postverkehre*". Tables of Russian frequencies and c/s used by Moscow and various c/s. 1 page only.

1458 - „*Russische wellentafel I August 1941*". Table of Russian frequencies for use in Aug 1941.

1459 - „*Russische wellentafel III Dec 1941*". Table of Russian frequencies for use in December 1941.

1460 - „*Russische wellentafel IV Feb '42*". Table of Russian frequencies for use in Feb 1942.

1463 - „*Notschlussel Enigma*". Instructions relating to various military emergency keys.

1466 - ***2X COPIES*** Copy nos 5649 & 4697. „*Anleitung zum Ableiten des Notschlusselmaschine Enigma. Ausgabe 7 Dec 1944.*" Instructions for the army concerning Enigma emergency keys. Dated 7 Dec 1944. English translation included.

1467 - „*Schlusselematic*". Lists of army machine and hand keys to be used from March 1944 to May 1945. Loose papers in folder.

1468 - Original notebook in German. „*Begleitbuch fur die schlusselfernschreibmaschine SFM T52*".

1471 - Original booklet. „*Wehrmachtfernschreib - Erfatz - spruchschussel 1945/I SFM T52c*".

1472 - Printed envelope with papers. „*Wehrmacht - fernschreibgrundschlussel.*"

1475 - Envelope with tables on paper vision. „*Wehrmacht - fernschreib - Erfakgrundfshlussel 1945/II*".

1476 - „*Reichsschlussel wos nr 8.*" „*Wehrmachfenschreib - offzierspruchsclussel.*" Paper in printed envelope.

1478 - Printed envelope with paper (tables). „*Wehrmacht-fernschreibgrundschlussel.*"

1479 - Printed envelope: „*Wehrmacht - fernschreib - Erfatgrundschlussel 1945/1. SFM T52d*".

1480 - Printed envelope: „*Wehrmacht - fernschreib- Erfakgrundschlussel 1945/II.*"

1482 - Original booklet. *„Ersatz" „Wehrmachtfernschreib - Erfatz - Spruchschlussel 1945/1. SFM T52d/e".*

1484 - *„Wehrmacht-fernschreibgrundschlussel SFM T52d/e."*

1485 - *„Wehrmacht-fernschreibgrundschlussel"* T52d/e. April 1945.

1487 - *„Wehrmacht - fernschreib - Erfakgrundschlussel 1945/II. T52E. 30 Juni 1945".* Printed envelope.

1488 - Printed envelope. *„Wehrmachfernschreib - offzierspruchschlussel SFM T52E."*

1489 - Papers in envelope. *„25."* Photostat copy of documents held by Gen Der PL Keller,Gen Martim and gen Morgenstern, received from A.D.I. (K) concerning signals and comms troops; details of training and methods, experimental units etc.

1493 - Envelope of papers. Photostat copy of documents held by Gen.der, F1. Keller, Gen.Martini and Gen Morgern Stern, received from A.D.J (K) containing a memorandum on radio recce of enemy and neutral countries dated 4 Sept 1944.

1494 - Hardbacked book, falling apart. Partially reconstructed 4 character codebook in English. Pencil entries.

1498 - *„Beschreibung des 1.4 KW Sender TA.11. Rfa Radioslavia AG Prag-Lieben".* Specifications, with diagrams for Airfield Radio Transmitter.

1502 - Original book but falling apart. A catalogue of the Siemans and Halksee company which gives drawings and photographs of the various parts of the teleprinter.

1504 - Brown ledger size file. Four letter French code book almost completely recovered. No name or date.

1506 - *„Cifrante f 150".* 4 figure codebook for enciphering; also a loose sheet of traffic index. Now known as *„F1"* formerly *„F150".* (See 732 for decoding version). Hardbacked book.

1507 - *„Vaticano, Madrid".* Partially recovered French 4 figure code book with groups in numerical order. Photostatic copy. (Large, but folded in half in envelope).

1508 - *„G-A".* Partially recovered French 4 figure codebook, groups in numerical order, no date - with pencil entries.

1509 - *„Table dechiffrante. PC 146. Exemplaire No 62".* 4 figure French codebook for decyphering. Photostatic copy.

1510 - *„B32".* 5 figure code groups (Rumanian) with occurrences. Also a loose sheetlisting 110 recovered groups. Hardbacked book with some loose pages.

1511 - *„1-100".* 8 folders of French diplomatic 4 figure code traffic (F18) sent in 5/L groups. All decoded worksheets nos 1-750, 5/L groups. All decoded. Worksheets nos 1-750, dated 14 Feb '45 to 22 April '45. (See also T1519-20).

1519 - (2 grey thick folders). *„Raccolta telegram F18 copia N2".* 1 of 2 of French diplomatic 4/F traffic (F18) sent in 5/L groups. Worksheets No 1-750, of which first 280 msgs decoded, dated 14 Feb '45 to 22 April '45. This traffic is duplicate of Ticom T 1511-18 but decodes slightly different.

1521 - (Small sealed envelope). *„Fiancia".* Set of 8 cards in Italian giving characteristics of 8 French codes: *„F1, F2, F18, F20, F.col.29, F col.000, F.mil, F.cons.Diblime."*

1522 - *„Studi volta normale".* 4 messages French 5/F traffic; worksheets nos 1-4, dates 26 Nov '44 to 25 Jan '45, undecoded.

1523 - *„Da Archiviare".* French diplomatic 4/F traffic in 5/F groups. Decoded. Worksheet nos 5730 to 5803. Dated 20 April 1945 to 23 April 1945.

1524 - *„9".* French diplomatic 4/F traffic in 5/F groups. Decoded. Dated 22 April 1945 and 23 April 1945. Decodes in system *„F18".* Also includes a folder marked *„Scheole F18"* with working papers showing extracts of messages to determine the same unknown group.

1525 - „*4) Notiziario Roma-Vitta' Vaticano - Napoli-Atene.*" French diplomatic 4/F traffic in 5F groups, decoded. Dated 26 Dec '44 to 20 April '45.

1526 - „*9) Notiziario Madrid-Lisbane-Barcelona.*" French diplomatic 4/F traffic , in 4 /F groups, decoded dated 24 Dec '44 to 21 April '45.

1527 - „*8) Notiziario Rio de Janeiro*". French diplomatic 4/F traffic, in 5/F groups, decoded. Dated 20 Dec '44 to 18 April '45.

1528 - „*12) Notiziario chungking ed altri legaziom Asia ed Australia.*" French diplomatic 4/F traffic in 5/F groups, decoded, dated 30 Dec '44 to 22 April '45.

1529 - „*Materiale in Arrivo*". French diplomatic traffic in 5/F groups unworked. Dated 24 April '45.

1530 - Hard backed book (good condition). „*B60*". 5 figure code groups (Rumanian?) With occurrences only.

1531 - (Envelope) With chart of 4 letter code groups (Swiss?) Giving frequencies in triangles of various colours.

1532 - „*Codice consulare 'QZX'*" 3 letter Swiss code book in French, partially recovered. Also a proforma describing the code.

1533 - 3 letter Swiss code book in German, partically recovered. Also a few loose sheets of frequency tabulations.

1534 - „*C Vaticano*" Repagination index found among other documents on Swiss codes.

1535 - „*Washington*" - Repagination index, found among other documents on Swiss codes.

1536 - „*T Baires*" 4 letter code groups (Swiss) with occurrences.

1538 - „*T Londra*" 4 letter Swiss code groups with occurrence.

1539 & 1541 - „*F & T Ankara*". 4 letter Swiss code groups with occurrences.

1544 - „*Londra F-T*". Swiss undecoded diplomatic messages to or from London. Also a traffic index.

1545 - Loose pencil script papers in folder. Index of F18 (French traffic) and other types of msgs received with the totals deciphered. Dated 1945. Also 2 worksheets and a list of diplomatic representatives in various countries.

1551-1581 - Translations into Italian of diplomatic decodes or clear texts.

1586 - Envelope. Card in Italian giving characterisitics of Rumanian transposition system titled AMG 1943. Also a set of 4 keys attached showing method of transposition. Received from AFHQ, Italy.

1587 - Envelope of „*Svizzera*". 2 cards in Italian giving characteristics of Swiss codes titles S.V.1 and „*QZX - Consolare'*. Received from AFHQ, Italy.

1591 - Photostatic copy of Portuguese Diplomatic 5/F codebook, 500 pages, dated 1941. Received from AFHQ, Italy.

1593 - „*Ciffrario Teleforuico*". Copy no 40 of an Italian army telephone code by means of which a plain language word can be expressed either by a trigram or by another Italian word. Received from AFHQ, Italy.

1594 - Packet of cards, indicating transposition patterns, substitution squares, symmetry, numerical substitution patterns, polyalphabetic substitution, mixed alphabets, numerical keys, auto keys, freq of letters in Italian, French and English by playfair squares hand cipher wheels, codes and how they're constituted, diagraphic substitution grilles etc. Received from AFHQ, Italy.

1595 - Original booklet. „*Note sulla cifratura del messagi.*" Book of instructions on proper encipherment of messages including machine ciphers. Received from AAFHQ, Italy.

1596 - Original booklet. „*Note sulla Tutelen del segreto delle communicazioni.*" Book on msg procedure, including addresses and grades of priority. Received from AFHGQ, Italy.

1597 - „*Elementi crittografici e norme per le communiczioni in cifra.*" Instruction book on

ciphers, codes, re-encipherment. An elementary introduction to cryptography. Received from AFHQ, Italy.

1598 - *„Norme per la Tutela del segreto nelle communicaziou cifrante.“* Instructions booklet on cipher procedure, care of cipher material, distribution of cipher material etc. Received from AFHQ, Italy.

1599 - Original booklet. *„Prorituario per il Marconista.“* Operators handbook giving international morse procdure signals, abbreviations, „Q“ code, „Z“ code; GMT time for principles cities throughout the world , call-signs of commercial stations of various countries etc. Received from AFHQ, Italy.

1600 - *„Intruzione per la autosupracifratura“* (Pamphlet giving instructions for auto key re-encipherment of figure-codes. Original and 2 carbon copies. Received from AFHQ, Italy.

1601 - *„La capitolaziore della Roumania nelle intercettaziou Diplomatiche.“* Italian translations of decodes of American and Rumanian diplomatic decodes, all concerned with the capitulation of Rumania, dated 23 Aug 44 to 4 Oct 1944 - bound in a single volume. Recieved from AFHQ, Italy.

1602& 03 - Partially reconstructed Swiss 3 letter codebook in French. No date. Received from AFHQ, Italy.

1604 - Card giving characterisitcs of a Croatian diplomatic code titled *„Tajmi Rjecnik“*, also a typewritten sheet discussing the reencipherment of this code; also a chart which may or may not be Croatian. Received from A.F.HQ, Italy.

1605 - *„Notice sur le systeme cryptograhique modele, 1923.“* French army cipher notes, dated 1928 - from AFHQ, Italy.

1606 - *„Instruction secrete du 3 Fevrier 1936 relative a l'orgnaisation at au fonctionelement du service de la correspondence chiffree dans l'armee en temps de paix et en temps du guerre.“* French army cipher service organization for war and peace - from AFHW, Italy (X2 copies).

1609 - *„Anleitung zum Olen der fernschreiber“*. Directions for oiling teleprinter equipment T38si & T38aasi. Dated 1941 & 42. Received from Kesselring's 'fish train'.

1610 - *„Instruction relative a l'organisation et au fonctionnement du service de la correspondence chiffree premiere partie.“* Memento du chiffreur. Army cipher service organisation Part I: Enciphering note dated 1941. From AFHQ, Italy.

1612 - *„Nostaveleue po radiosluzhbe krasnoj armii“* 1943 - . Regulations for signal service Red Army 1944 - with translation.

1613 - Original booklet. Funktafel XVIII SS A.K. (Basic 3 letter code of XVIII SS Army Corps. Dated 1 Nov 1944. Received from MI8.

1619 - Drawings of Luecken Fuellerwalze. Ch 11tz 454, 460, 461, 476, 477.

1620 - (Loose papers in folder). Dr Huttenhaim's correspondence 11 Apr '38 - 5 Jan '45. Admin notices , ARP rations etc. Some cipher machine notes.

1621 - Tatty original booklet. French 2 figure codebook.

1622 - *„Dictionnaire Chiffre 384"*. French 5 figure codebook (encoding).

1623 - Book falling apart. *„Dictionnaire Chiffre 384.“* French 5 figure codebook (decoding).

1624 - Collection of codes *„1919- Type 2"*. Consisting of fig cols dated 1940, from Schliersee.

1625 - Description of the organisation and function of the cipher services in peace and in the event of war, dated 1936 from Schliersee.

1626 - Directions and orders authorising the use of the code *„Sevie M Exemplaire No 7"*. Sept

1940, from Schliersee.

1627 - Original booklet. Description of the cryptographic systems 1923s and 1923d dated 1928, from Schliersee.

1628 - Orignal booklet. 4 figure codebook for use in lower formations, 1938, from Schliersee.

1629 - Original booklet. 4 figure codebook for uuse of lower formations, 1939. From Schliersee.

1630 - Original booklet. 4 figure codebook for use of lower formations. Dated 1938, from Schliersee.

1631 - Original booklet. 3 figure codebook for use in the Belgian Army, 1917, from Schliersee.

1632 - Original booklet. Booklet containing lists of 3 letter groups to be used in their communications by all the armed forces, 1942, Schliersee.

1633 - Original booklet. 5 figure and letter codebook addressed to M le Colonel Bouget. Bayreuth. Undated from Schliersee.

1634 - Original booklet. Instructions in the use of codes during peace and war. Dated 1936, from Schliersee.

1635 - Tatty original booklet. Lists of callsigns for use by the vichy armed forces. Mai 1942, from Schliersee.

1636 - Original booklet. 4 figure french codebook for decoding and encoding. Undated, from Schliersee.

1637 - Original booklet. Pamphlet containing methods to be adopted in the coding and decoding of telegrams. Dated 1941, from Schliersee.

1638 - Original booklet, falling apart. 5 figure commercial codebook dated 1893, from Schliersee.

1639 - (Tatty book, falling apart). French 4 figure code, dated 1939, from Schliersee.

1640 - Original booklet. 4 figure codebook for decoding and encoding. Undated from Schliersee.

1641 - (Tatty book falling apart). 4 tables of callsigns to be used by land stations, naval craft and seaplanes. Found 1940 from Schliersee.

1642 - Original booklet. French military. 4 figure codebook - Schliersee consignment.

1643 - French naval 3 figure codebook in numerical order of figure groups. 1936 with German pencil, note on cover meaning *„one of the predecessors of code Aere Reduit"*; Schliersee consignment. Original book, falling apart.

1644 - Original booklet. French 4 fugure codebook encoding and decoding with instructions, undated. Schliersee consignment.

1645 - (Book tatty, cover missing). Undated Austrian 5 fig codebook - encoding and decoding with instructions. Schliersee consignment.

1646 - French 4 letter codebook- encoding and decoding - Paris, with German pencil note on cover meaning *„successor F110"* with a list of numbers for group-keys, against dates also with German note successor F110 from 23 feb 1940. Also with supplement; and a list (June 1940) of transposition key - words. Schliersee consignment.

1647 - Booklets in envelope. French military codebook, for small units dated 1941, with a supplement („Additif") and further remarks („Notice"), Vichy, July '42. Schliersee consignment.

1648 - (Damaged book). German translation of a work by Czechs on the various deciphering methods used by their war Ministry, 1931 - from Schliersee.

1649 - (Loose papers in envelope). German cipher tables for use in traffic to all parts of the world dated 1938, from Schliersee.

1650 - (Damaged file). File containing completely and partly solved telegrams from APris-

Bucharest, together with numerous tables for decoding and encoding, dated 1922, from Schliersee.

1651 - Lists of Italian, French and Spanish codes. Fragile documents.

1652 - 4 figure codebook for use in Middle East by French Army, dated 1940, from Schliersee.

1653 - 4 figure codebook for use in French Army 1927, from Schliersee. Delicate document.

1655 - *„Vokommende Gruppen des F.F.C. 13n Gelosten Telegrammen.“* Notebook in which 5 figure groups with their solved French equivalent have been entered by German cryptographer, undated, from Schliersee.

1656 - *„Aster 41, etude complete.“* File containing worksheets and description for use of code *'Aster 41'* and emergency keys, undated, from schliersee.

1657 - *„Etude sur un essai de langage convenu“*. Suggested scheme for encoding clear text by means of word substitution so as to produce a readable encoded text.

1658 - „Etudes sur lac-36.“ Directions for the use of the C-36. Dated 1940, from Schliersee. By France. Fragile document in folder.

1660 - *„Jugoslav Royal list.“* OkW/Chi decrypts of diplomatic traffic, 1941.

1661 - „Liste nominative des officiers entrant dans la composition de la section du chiffre.“ File containing names, ranks and other observations on the personnel of the cipher section, dated 1940, from Schliersee.

1662 - *„Nouveau D40 & Notschlussel 'vicar'“*. File containing directions for use of the above keys with worksheets and some telegrams.

1663 - *„Collaboration avec les autres departments- Ministerials. Commission interministerielle de cryptographie.“* File for correspondence on interministerial collaboration in cryptography and minutes of meetings of the head of the French cipher services, Dated up to 1939, from Schliersee (France).

1672 - *„Code F.13"*. Typewritten and manuscript copy of a French figure code in a folder marked: *'Reichswehrministerium Heeresleitung, Chiffrierstelle'*, undated from Schliersee. Fragile papers in folder.

1673 - *„Technique, tableaux x dv....“* File of documents containing (a) instructions issued by cipher sections of the HQ Staffs of III, IV, V, VI & VIII Armies of the Alps and the 3rd Army Group for thie use of cipher machine *„C36"*, and (b) Layout and composition of the main ground forces, including Armies in the fortified.

1674 - *„Chiffrement - Riga, Dechiffrement - Riga & P.R. 17 Riga.“* Tables and 4 figure codebook for encoding and decoding traffic passed between the French Military Attache in Riga and the War Ministry in Paris, dated 1940, from Schliersee.

1676 - *„Code R.D. 13 pour correspondences avec authorites diplomatiques, consulaires et coloniales.“* 4 figure codeook for encoding and decoding, for use by Diplomatic Officials, consular and colonial offices, dated 1927, from Schliersee.

1677 - *„Chiffre, mission Franco-Polonaise.“* File of correspondence relating to cipher relations between French General Staff and Polish Military Mission, dated 1940, from Schliersee.

1678 - *„Instructions sur le chiffrement du code G.H.A“*. 2 page booklet giving instructions on the use of the code G.M.A, undated, from Schliersee.

1679 - *„Procede de chiffrement utilisepar l'armee Allemande pendant la guerre 1914-18.“* Report by the french cryptographic bureau on ciphers used by the German Army in the war 1914-18 signed by Capitaine G.J Painvin, France, from Schliersee.

1680 - *„Dictionnaire code Havas.“* 4 letter code used by the French Havas agency between Shanghai and Paris, dated 30 June 1932, from Schliersee. Book fragile and falling apart.

1665 - *„Instruction sur les condition d'emploi du chiffre.“* Booklet of general cipher instructions issued by the cipher section of the General Section (Air). Signed Major General

MENDIGAL 3 March 1940, rec'd from Schliersee.

1666 - *„Code chiffre serie 68 Ex 4611."* 4 figure codebook, encoding and decoding. Marked: Lieutenant AMAND undated, from Schliersee.

1667 - *„Notice sur les procedes de Chiffrement dans les petities unites."* Booklet of cipher instructions for small Army Units. Paris 1929, from Schliersee. Original booklet.

1668 - *„Code M Ex No 4 Mr le colonel Bourget, Beyrouth."* French 4 figure codebook in the name of M Le Colonel Bourget, Beyrouth, 1940, from Schliersee. Original booklet.

1669 - *„Carnet de chiffrement."* 4 figure codebook for use by small units. Cover missing. May 1940. By France, from Schliersee.

1670 - File of docs including unbroken messages, call sign list, envelope marked *„Cont.Supreme - RICM."* Etc etc Vichy 1941, from Schliersee.

1675 - *„Kenngruppen und wurfel untersuchungen au ungelosten materail."* Cryptanalytic worksheets on traffic passed between the Interallied Military Control Commission in Hungary and Marshall Foch in Paris, 1923-24, from Schliersee.

1681 - *„Dictionnaire chiffre Havas."* A 4 figure cipher of the French Havas Agency used for communications with London, undated, from Schliersee.

1682 - *„Code reduit serie 38 Exemplaire No 244."* 3 figure code for use between the differnet authorities of the Army and Gendarmeine in case of civil disturbances 1938, from Schliersee. Original booklet.

1683 - *„Varetra no 17 Ex No 235."* Table for re-enciphering messages already encoded on a transposition key, to be used when the message is an order to be carried out more than 6 hours after its transmission etc. August 1940, from Schliersee.

1684 - *„Chiffrement } Copenhagen & P.R.8* (2 copies)
„Dechiffrement -" Original documents in folder. Tables and 4 figure codebook for encoding and decoding traffic passed between the French military Attache in Copenhagen and the War Ministry, Paris, dated 1927.

1685 - *„Jugoslavia 1944".* German translation of message decodes passed between the Jugoslav Government and its reps in other countries, for Schliersee. (X2 folders)

1686 - *„Polen Oct-Dec 1943 & Jan-Aug 1944".* German translations of decoded messages passed by Polish Diplomatic representatives throughout the world, from Schliersee. (X4 folders).

1687 - *„Belgium 1942-44."* German translations of decoded messages passed by Belgium Foreign Office in London and its Diplomatic representatives in other parts of the world, from Schliersee.

1689 - *„Rumanian."* German translations of decodes of traffic between the Rumanian Embassies, dated Aug-Oct 194. Part of the OkW/Chi archives. Very fragile papers.

1690 - *„Chile 1943-44."* German translations of decoded messages passed by Chilean Diplomatic representatives throughout the world, from Schliersee. Fragile papers in 2 folders.

1691 - *„Brazil 1943-44."* German translations of decoded messages passed by Brazilian Foreign Office to its representatives throughout the world, from Schliersee. (X2 folders). Fragile papers in folder.

1692 - *„Italy 1943-44."* German translations of decoded messages passed by the Italian Diplomatic representatives throughout the world, from Schliersee.

1693 - 2x folders. Switzerland 1940-44. (Swiss decodes) Translations.

1694 - *„Portugal 1943-44."* German translations of decoded messages passed by portuguese diplomatic representatives throughout the world to the F.O. at Lisbon, from Schliersee. X2 folders. Very fragile papers.

1695 - *„Argentine 1943-44.“* German translations of decoded messages passed by Argentine Diplomatic representatives throughout the world, from Schliersee.

1696 - *„Turkey 1943-44".* German translations of decoded messages passed by Diplomatic Representatives of Turkey throughout the world, from Schliersee. (X4 folders).

1697 - *„-Bericht Nr 12/45 der abtenlung funkangklarung zent vom 19.3 bis 8.4 1945.“* German Naval Intelligence report by 4SK1 III containing general headings:
„Feindlicher schiffsverkehr.“
„England Heimat“
„Englsiche luftwaffe (see Auflarer).“ } X2 folders.

1698 - *„Croatia 1944".* German translations of decoded messages sent by Croatian Diplomatic representatives throughout the world, from Schliersee.
Another 1698 - *„France (De Gaulle) 1943-44.“* German translations of decoded messages passed mainly between the De Gaulle Diplomatic Representatives at Algiers and the other Diplomatic representatives throughout the world, from Schliersee.

1699 - *„Japan 1943-44.“* German translations of decoded messages passed by Japanese Diplomatic Representatives throughout the world from Schliersee. Faint logs, bound in folder. 2 very thick folders and 1 smaller one.

1700 - *„Vichy France 1942, 43, 44".* German translations of decoded telegrams passed between vichy and its representatives in other parts of the world, from Schliersee. Folder thick with fragile papers. X2 folders.

1701 - *„Dechiffrement du procede Bazaries - General Cartie.“* French notes on decyphering Bazeries letter cypher. No date. From Schliersee.

1703 - *„Classement des procedes perimes“.* French manuscript notes on various figure codes. 1931-1940 from Schliersee. Papers in folder, very fragile, stained and loose.

1704 - German interception sent between the French consulate at Bov..... and Gendarmene, Perfignan, with some cryptanalytic workings, 1940 from Schliersee. Papers in envelope.

1705 - Very fragile papers in folder. Thick folder of misc correspondence about notes on ciphers. Instructions, purchase, compromise of ciphers etc 1918-23 from Schliersee.

1706 - *„Systemes S.D.“* French instructions and official correspondence about cipher system S.D. 1918-1921 from Schliersee. Very fragile document.

1707 - *„Playfair et variantes“.* Official French instructions for various playfair ciphers. 1919, 1920 from Schliersee. Loose fragile papers in envelope.

1708 - Fragile, mildew stained papers. German intercepted 5 figure French police traffic with decodes written above; 1940, 1942 from Schliersee.

1710 - *„Dossier vermouth“.* Official French correspondence about work on cipher telegrams *„vermouth“,* 1920 from Schliersee. Papers in envelope.

1711 - Stained, fragile papers in folder. Folder containing three letters written in French about codes and cryptographic work, 1922 and 1924 from Schliersee. Papers, loose, stained & fragile in folder April 1924).

1712 - *„Etude sur les communications radio electriques en U.R.S.S.“* 3 vols of notes on Soviet radio-electric comms, in French, Oct 1931; with some correspondence and further loose-sheet notes on the same subject (also in French), from Polish and Latvian sources. The whole in a folder entitled Funkmappe Russland, from Schliersee. Docs loose in folder.

1713 - Very fragile, stained, loose papers. *„Ecoutes - principles“.* Folder of official French correspondence 1920-22, about organisation of intercept service from Schliersee.

1714 - *„Ecoutes-“.* Folder of French correspondence about intercept organisation and results, with some notes on cipher. Various dates 1919-27 from Schliersee. Envelope with

papers.

1715 - Envelope full of papers. Correspondence ref sale of Enigma cipher machines and reports on Enigma machine.

1716 - Ref sale of machine. Fragile papers in thick envelope.

1717 - Ref firms with firm Hein, 1944. Fragile, loose papers, tied together in envelope.

1718 - *„Heinsoeth & Runke"*. Sale of cipher machines to foreigner . Papers tied together in envelope.

1725 - *„Monsieur le general langlois - Afrique du nord"*. French 4 fig, alphabetical book dated Sept 1940, for use betweeen vichy war office and North Africa . Similar in type to *„P.R."* diplomatic. French book from Schliersee.

1726 - *„Regles d'exploitations pour procedes radio electriques."* French manual of Army W/T procedure, 1939 from Schliersee. Original booklet in ok condition.

1727 - French Naval OTP (?) Very tatty docs/books tied together.

1728 - Fragile folder and papers. *„Notice sur le procede de chiffrement des telegrammes exchanges entre les hautes atorites militaires francaises en mediterranee orientale."* French instructions for 5 fig code. *„1918 type C"*. For use by high Military and Naval authorities in Eastern Mediterranean 1939 from Schliersee.

1729 - *„Systeme dit 'Gedefu'"*. Lengthy description in French of how the French broke the German 5 letter cipher *'Gedefu'* in 1918 from Schliersee.

1730 - Fragile document. *„Des procedes de chiffrement en generale."* Very general French notes on cipher principles. Undated from Schliersee.

1731 - Fragile papers in envelope. *1. Expose emploi du chiffre au cours de la campagne 1939-40 - vichy 1940. 2. Notice biographie - commission de cryptogrpahie militaire etc. Dated 1939. 3. Reemargques sur l'emploi du systeme a D.T. 1939.* French notes on use of cipher in the campaign 1939-40; report by General Cartier on cryptanalytic work done up to Aug 1939; and notes on use of hand cipher with a German title - paged 1943 from Schliersee.

1732 - *„Procede de dechiffrement mecanique des cryptogrammes obtnus au moyen des grilles toutantes."* French notes on mechanical decyphering by means of revolving grids. 1914 from Schliersee.

1733 - Orignal *„Code Air-marine"*. Various French fig and letter codes and signals for communication between air and naval forces. 1938 from Schliersee.

1734 - Originals *„Clef de chiffrement des signaux - c.c.s no 1"*. French instructions for encoding naval signals with blank space for key to be affixed. Oct 1940 from Schliersee.

1735 - Original instruction manual. Not in very good condition. *„Instruction No 1 a sur le systeme cryptographique 1923 simple."* Copy 142 of French instructions for 5 letter cipher from Schliersee.

1736 - Fragile papers in envelope. *„Code R.A"*. French military code sheets and instructions for use. Various dates 1933-39 March and July 40-42 from Schliersee.

1737 - Very delicate papers. *„Bibliotheque de la section du chiffre."* List of works on codes and ciphers, under countries, in possession of the French cipher section, 1938 from Schliersee.

1738 - Very damaged document. General notes in French on use and organisation of cipher and cipher-service in war and peace time. No date from Schliersee.

1739 - Very delicate, fragile, damaged book. German reconstruction of 5 figure codebook - one page of 12 squares (8 x 5 figs) and four 5 letter groups for each 3 day period. Feb-Aug 1941 from Schliersee.

1740 - Fragile/delicate/damaged papers. French military etc. telegrams, decoded, reporting the progress of the German offensive 10-18 May 1940 from Schliersee.

1741 - „*V*". Registration books - Vol V and Vol VIII of Diplomatic decodes, 1940-41. From Schliersee.

1742 - Very damaged document. Registration books - Vols V & VIII of Diplomatic decodes. 1940-41 from Schliersee.

1743 - „*Langue allemande - dechiffrement des cryptogrammes obtenus par transposition single - Chap III - un mot connu (cas general).*" French notes on decyphering German transposition - chapter III; one word known - general case - from Schliersee.

1744 - Official French correspondence. Delicate papers in envelope.

1745 - „.....*dossiers initlaux de chriffrement...*" French instructions on composition and dist of cipher docs, 1939. From Schliersee. Damaged doc in envelope.

1746 - „*Conseils aux officiers de reserve employes all service du chiffre dans les etats- majors de corps d'armee et de divisions.*" French instructions for cipher officers in the event of mobilisation, 1934. From Schliersee.

1747 - Mildew stained delicate doc. „*Centres, Reseaux radios.*" French notes on their army radio organisation, May and June, 1940. From Schliersee.

1749 - „*Surchiffrement du code de service T.S.F.*" French army wireless recypher table dated June 1940. From Schliersee. Papers in envelope.

1750 - German Diplomatic Tels intercepted and decoded by the French. 1938 & 1939 from Schliersee.

1751 - „*P.R. 21 Tanger No 1*". Fragile booklet. French Diplomatic 4 figure alphabetical book. Dated 1927 from Schliersee.

1753 - „*Chiffrement - Dechiffrement - Rome & P.R. 18.*" Tables and 4 fig code book for encoding and decoding traffic passed between the French Military Attache in Rome and the War Ministry, Paris. Dated 1927.

1754 - „*Annexe 4315 au dictionnaire 431.*" 28 page booklet containing 6 fig groups and the names of provinces, rivers, mountains etc in various European countries. Undated from Schliersee.

1755 - „*G.N.I.*". French Army 4 figure alphabetical code-book with instructions fo single and double encyphering. Code dated 1927 from Schliersee. Stained, delicate papers in envelope.

1756 - „*P.R. 21 Tanger no 3*". Delicate large and small booklet. ***2X COPIES*** of French Diplomatic 4 fig alphabetical book. Dated 1927 from Schliersee.

1759 - Photostats & originals. Quite good condition. Russian callsigns and freqs. April-May 1945. Card file form 8 1/2" x 12".

1760 - Singed, delicate pages. „*Footprints*" means of tracking down transmitters. *'Card index'*

1761 - „*Venezuelen 1944*". Translations of decodes. Delicate papers in folder.

1762 - „*Sweden 1943-44*". Translation of decodes. Delicate papers in folder.

1763 - „*Bulgaria 1943 & 1944*". Translations of decodes. Delicate docs tied up in folder.

1764 - „*Chungking-China 1943 *& 1944*". Translations of decodes. Delicate papers in folder.

1766 - „*Vatican 1943 & 1944*". Translations of decodes. Delicate papers in folder.

1767 - „*Uruguay 1944*". Translation of decodes. Delicate papers in folder.

1768 - „*Egypt 1943 & 1944*". Translations of decodes. Delicate papers in folder.

1769 - „*Equador 1944*". Translations of decodes. Delicate papers in folder.

1770 - „*Columbia 1943 & 1944*". Translations of decodes. Delicate papers in folder.

1771 - „*Iran 1943 & 44*". Translations of decodes. Delicate papers in folder.

1772 - „*Mexico*". Translations of diplomatic and decodes 1944. Delicate papers in folder. 2x folders.

1773 - „*Manchukuo 1944*". Translations of decodes. Delicate papers in folder.

1774 - *„Free Norway 1943 & 44".* Translations of decodes. Delicate papers in folder.

1775 - Papers in envelope. 5 fig Spanish traffic with idents and wkgs - 2 figs to each letter of clear text; and with circular slide giving 2 fig groups and single cipher letters against alphabet. Dated 1937? From Schliersee. And with photostats.

1777 - *„A 1 code."* 18 pages of single letter and bigram code equivalents viz tables 741-749 A & B. (750 1 & B missing?) With list of five 5 letter indicators for each pair of tables. Date 1940, 1941 on cover - For Schliersee.

1781 - Reports by the cipher Dept of War Office or enciphered radiotelegrams sent out by Spanish Govt. Dated 1913-14 from Schliersee.

1782 - File of correspondence relating to the exchange of enciphered telegrams between Army Chiefs. Dated 1939-40. From Schliersee. Very fragile papers, singed and stained.

1783 - File of correspondence dealing with the use of the changing of ciphers. Dated 1939-40 from Schliersee. *„Notes Diverses Chiffre" „Notes et circulaires. Permanentes."* Fragile, stained papers.

1784 - File containing reports fom the intercept station Breslau dealing with the progress made in breaking Polish and Czechoslovakian messages together with some tables and worksheets. Dated 1926-27 from Schliersee. Fragile papers.

1786 - Cryptographic material dealing with the German language, undated from Schliersee. Mildew stained.

1789 - 4 fig codebook for encoding and decoding. Dated 8 Jan 1940 from Schliersee. Delicate book, stained with mildew.

1790 - Emergency codebook for use by the French Armed Forces in North Africa, dated 24 June 1942 from Schliersee. Fragile delicate, mildew stained doc.

1791 - Part of a 4 fig codebook, undated from Schliersee. Delicate, fragile book.

1792 - 4 figure codebook with directions for use. Possibly dated April 1908 from Schliersee. Delicate booklet.

1793 - 4 fig codebook for encoding and decoding. Undated, from Schliersee. Fairly good condition.

1794 - 4 fig codebook for encoding and decoding. Undated from Schliersee. Stained booklet, but otherwise in quite good condition.

1795 - File of papers with illustrations dealing with playfair systems, Shwab, Toncard - possible date 1920. From Schliersee. Fragile papers in envelope.

1796 - Delicate papers in envelope. Radio messages sent by the Germans during the war 1914-18 and broken by the French, together with description of the method used. Date 1921. From Schliersee.

1797 - File containing letters (a) Exchange of intercept information between French and Polish Military cipher sections (b) register for radio information chief of cipher section. © Notes for dealing with cipher correspondence, dates 1927, 1928 and 1930, from Schliersee. Fragile papers in envelope.

1798 - Papers in envelope. Correspondence dealing with the production of 1000 copies of *„Notice Sur le systeme cryptographique modele 1923."* Dated 8 Jan 1923. From Schliersee.

1799 - Notes on co-operation between the cipher section and the intercept units of the Army 15.7.1920 from Schliersee.

1800 - Notes relating to the obtaining of information from cryptographic documents. Dated 30.7.20 from Schliersee. Fragile papers in envelope.

1801 - Letters ordering the French radio station to cover as fully as possible the translations to and from the conference at Genoa. Dated 1922 from Schliersee. Fragile papers in

envelope.

1802 - 5 figure codebook for decoding only. Possible date 1918 from Schliersee. Mildew stained, delicate document in folder.

1803 - Numerous envelopes in on envelope. Copies of Naval keys „*Comena*", „*Jutar*" and „*Sabyr*" dated 1941 from Schliersee.

1804 - „*Code R.A.V.*" Code for transmission of weather reports, 6 copies from Schliersee.

1805 - Fragile booklet. „*Liste du Indi Catifs secrets*". List of indicators to be used with cipher traffic 1941. From Schliersee.

1806 - Fragile, singed papers. Directions in the use of the the Aero codes. March 1941. (See T1803) from Schliersee.

1807 - Fragile papers in envelope. Description of the cipher system „*SUDAMERI*" with the diagrams, 1922 from Schliersee.

1808 - Fragile papers in envelope. A report on an inspection of the French Army on the Rhine, with reference to radio interception, 1922. From Schliersee.

1809 - Fragile papers in envelope. Report or measures to be taken for the continuation of interception during the period of demobilisation and peace 1918, from Schliersee.

1810 - 3 small stained booklets - 2 the same and 1 large one.

„*Chiffrement}*

„*Dechiffrrement}* Moscow and P.R. 16. Tables and 4 figure codebook for encoding and decoding traffic passed between the French Military Attache in Moscow and the War Ministry Paris. Dated 1927 & 1940.

1811 - Fragile papers in envelope. Correspondence and worksheets done by the French on some Italian intercepted message, 1941. From Schliersee.

1812 - Fragile papers in envelope. Notes by Capt Huard on the UBCHI system for getting into double transposition. Date 1928. 2 copies from Schliersee.

1813 - Fragile papers in envelope. Some messages taken from captured German carrier pigeons in January 1914 together with decodes of the same from Schliersee.

1814 - „*Notice sur le systeme cryptographic modele 1923.*" Description of the simple transposition key modele 1923. From Schliersee. Stained notebook.

1815 - Notes on cipher systems, with some examples of how simple faults can be used to advantage by the enemy cryptographer. Dated 1920 from Schliersee. Delicate papes in envelope.

1816 - Singed, delicate papers. A 5 figure workbook containing a number of 5 figure messages, routing Rome-Addis Ababa, 1939. From Schliersee.

1817 - Stained, fragile book. Partially constructed 5 figure codebook, undated. From Schliersee.

1818 - Delicate, stained document. Partially constructed 4 figure codebook. Possible date 1937. From Schlietsee.

1819 - Fragile document in envelope. Tables replacing the SUDAMERI system for use by the French Military Attaches in various parts of the world, 1925. From Schliersee.

1820 - Fragile papers. Receipts and correspondence dealing with the distribution of copies of cipher 23. Dated 16 Sept 1939 - from Schliersee.

1821 - 3 parts in folder. „*P.R. 24 Tehran*", „*Chiffrement Tehran*", „*Dechiffrement Tehran*". A 4 figure codebook and tables for encoding and decoding. Dated 1927. From Schliersee.

1822 - Very fragile , tatty document. Instructions in the use of key-blocks. Date 1941. From Schliersee.

1825 - Fragile, tatty documents. File containing directions in the use of cipher systems with numerous illustrations. Dates 1921-1932. From Schliersee.

1830 - Stained, fragile documents. Partially reconstructed 4 figure codebook. Possible date 1937, from Schliersee.
1831 - ***2X COPIES*** 4 figure codebook, 1940. French.
1832 - Lots of singed, stained papers. File of messages with worksheets attached, also description of various Norwegian cipher systems. Dates 1939-40.

1833 - Tatty, fragile papers. File containing Norwegian cipher instructions with illustrations together with German translation of the same. Date 1941.
1834 - Delicate doc. File of reports with graphs showing amount of interception carried out at Breslau. Possible date 1925.
1836 - Booklet. Falling apart, very fragile. Rumanian 4 figure codebook, undated.
1837 - In very good condition. Doc in French. Instructions in the use if ciphers for small units, 1929. *„Procedes de Chiffrement dans les pettites unites"*.
1838 - *„Carnet de Chiffrement"*. Booklet. 4 figure codebook for use of lower formations, 1938.
1840 - Fragile papers. French general purposes 3 letter codebook with extra groups for special requirements. In alphabetical order of clear and cipher groups. No date.
2000 - *„KIMI"*. Hard backed book. Each page has 2 columns of consonant - pl - vowel combinations with a 2 letter group at the top. Occurrences of the resulting 4 letter groups are noted in pencil.
2001 - *„KIMI"*. 4 letter groups with equivalents in booklet. Japanese characters.
2002 - *„KIMI II"*. 4 letter groups with equivalents in Japanese characters.
2006 - *„Zu.Ch.B.(?)3"*. 4 letter groups with some Japanese characters. Enclosed is an envelope addressed to Dr Karsten.
2013 - Hard backed book. Good condition. Yellow workbooks - copies 1, 2, 3, 4 & 5. Work on 4 figure code (?French) with number entries in pencil and occurrences in red ink.
2016 - *„Frz Eingage Januar 1922 bis April 1923"*. French traffic register.
2017 - *„Berlin 1"*. Partial reconstruction of French 4/F code.
2018 - Hard backed book. Good condition. Back bound workbook - reconstruction of French 4F code for encoding French words listed alpahabetically, followed by 4 figure groups.
2019 - Workbook - partial reconstruction of French 4/L code. Tatty and delicate document.
2020 - *„358 Varia"* - workbook - partial reconstruction of French 4 figure code.
2021 - „358 Berlin". Workbook - partial reconstruction of French 4 figure code. In good condition.
2022 - *„358 Varia d-s 1-798."* Workbook - partial reconstruction of French 4 figure code. In good condition.
2023 - Hard backed book folder. *„Journal 1936"*. Index of French traffic, various cities.
2025 - 4 brown envelopes, 3 marked as follows: *„1. 410-616 2. A remettre a l'etat majo du General Guillaumet. 3. Consul de France Telegrammes a Cureyre aux affaires Entragenes"*. - Envelopes contain photostatic copies of 5 figure additive table, possibly encoded.
2026 - *„Ministere Des Colonies"*. Code BMP. French Code book - figure traffic, undated. Hard backed book
2027 - Small, falling apart booklet. *„Chiffre Noveau"*. Figure and letter code, undated; original booklet.
2028 - Photostatic copy (very poor) of an old French Diplomatic code. (In envelopes).
2029 - Photstatic copy of a partially reconstructed French 4 figure code. Undated.
2030 - *„Fragment eines belgischen chiffres aus dem Jahre 1906 (benutzt vom kolon min.zuv korrespondence."* Book falling apart.

2031 - *„F4 Ex 1".* Partially recovered 4 fig code, undated. Hard backed book.
2032 - *„33 Berlin".* Workbook - partial reconstruction of French code. Purple hard-backed book.
2033 - *„F.B.I. Vol I".* Partially reconstructed 4/L codes, undated. Brown hardbacked book.
2034 - *„F.B.I. Vol II".* Patially reconstructed 4 letter codes, undated.
2035 - *„F.B.I. Vol III".* Partially reconstructed 4 letter codes, undated. Purple hardbacked book.
2036 - *„Vichy France 1942, 43, 44".* German translations of decoded telegrams passed between Vichy and its representatives in other parts of the world. From Schliersee. Papers (good condition) in folder.
2037 - Photostats in 2 folders.
2038 - *„Berichte der gruppen Polen, Finnland, Litaven Lettland, TsCheckoslovaker, Jugoslavien, Bulgarien."* Reports on Polish, Finnisch, Lithanian, Latvian, Czechoslovakian, Jugoslavian and Bulgarian diplomatic and consular codes. Hand written script and typed pages in folder.
2039 - *„Instruktion, fur die chiffriermethode, variable komplettering."* And an English translation. Calculation of the plaintext from two cipher texts. Photostats and original docs.
2040 - Translation of instructions from G.H.Q. I.b. to cipher officers 5, 42 & 44. Division on use of cipher machines dated April 1940, found in folder T2039. Papers in envelope.
2041 - *„Bericht uber eine ende 1940 angestelle untersuch ung der Russischen Geheimschriftverfahren".* Report of investigation into Russian cryptographic systems, dated 1940. Found in folder T2039. Papers in envelope.
2042 - *„Berichte der Gruppe Russland".* Reports on Russian Diplomatic, military, G.PU 1919-1941. Paschke * Schauffler.
2043 - In German: *„Berichte der Gruppen oestereich und ungarn."* Reports on Austrian and Hungarian codes.
2044 - *„Russ. Schluse U.A....."* Model solution to *'Lotos'* cipher, and worksheet on recurring figure groups. Schauffler. Papers in envelope.
2045 - *„H.D.1".* Partially reconstructed Netherlands Diplomatic codebook - undated.
2046 - *„H.D.2".* Partially reconstructed Netherlands diplomatic codebook, undated. With pencil entries.
2047 - *„H.D.9. 3137".* Partially reconstructed Netherlands diplomatic codebook - undated. With few pencil entries.
2048 - *„H.D.12 3207".* Undated partially reconstructed code. Few pencil entries.
2049 - *„Berichte der Gruppen Spanien, Portugal, Latein Amerika".* Reports on codes of Spanish and Portuguese speaking countries. Also concerns Ireland & Siam. 1927 (Hoffman) 1942 (Hogen). In German.
2050 - *„Berichte der Gruppe franreich, Belgien, Holland, Schweiz, Rumanian".* Reports on French, Belgian, Dutch, Swiss and Roumanian groups. 1939-42. In German.
2051 - Photostats of *„Personlich. Geheim." „Henrique Ricardo Holl". „Oberstleutenant Militairattache in Deutschland."*
2052 - Photostats of reports on work on different traffic.
2057 - ***X2 COPIES*** From French Govt to consul at Nuremberg re-espionage. Date 1890
2059 - *„Schlueselfehler".* Wrongly encoded diplomatic messages, 1940.
2060 - *„Marine schluessel Band IV". Correspondence and receipts re-key E. 1939."* All secured in a folder.
2064 - *„Auswaertiges Amt Rechts ast."* A folder of correspondence and telegrams concerning codes used by I.G. Farben industrie and foreign office. Fragile papers loose in folder.
2084 - Plain text of German Diplo traffic from various German Diplo posts (some 8-1- sheets)

includes Abwehr instructions to agents.

2087 - (Photostats) Dictionary (codebook) for the encoding of secret correspondence, is published by the chancery minister of Trade & Industry, and is intended for dealing of the Central Governing Department with its subordinate local branches, and for the latter among themselves.

2089 - *„Inhalt, russiche weltkriegscode und notizen uber 'S'"*.A few worksheets, 2 and 3 figure code books 1919.

2090 - *„K19 I"*. Italian 5 figure codebooks, one in numerical, other in alphabetical order..

2091 - *„T.B. Labriola Dez 1919."* Codebook of Italian 5 figure with partially decoded telegram 1920. Delicate papers in folder.

2092 - *„F.Z 2 chiffrier code 1918"*. Italian 5 figure code for encoding. With pencil entries.

2093 - Partially reconstructed workbook with 2 partly solved telegrams 1923. Good condition.

2094 - *„K20"*. 5 fig codebook together with 3 partly decoded telegrams dated 1918. Delicate documents in folder.

2095 - *„K18 Hilfstabelle and 18 I"*. One 5 figure codebook with worksheets, three cipher tables and some partly decoded traffic dated 1919. Loose papers in folder and original folders with tables.

2096 - Photostats - Mai 1924. *„R.C.III Ende Mai 1924 is enfang August 1926"*. Two Russian 4 fig code books dated end of May 1924 to beginning of August 1926.

2097 - *„F.Z.Chiffrier code, 1918"*. Italian 5 fig code book for decoding.

2098 - PHOTOCOPY. *„R.C.IV im Gerauch 10 Juli 1924 is 8 Sept 1926."* Russian 4 fig partially constructed codebook. Original in separate folder with pencil entries.

2099 - *„R.C.IV Exemplar No 3 10.7.24 - 8.9.26"*. Russian 4 fig codebook partly reconstructed. With pencil entries. & Photocopy.

2100 - *„.C.IV Exemplar No im Gebrauch 10 Juli, 24.Sept 1926."* Russian 4 fig code, partially recovered in use 10.7.24-18.9.26 & Photocopy.

2101 - Photocopy. *„R.C.V. im Gebrauch im 'KO' verkehr 6 Mai 25 to 10 Aug 25"*. Russian 4 fig code to be used in *'KO'* traffic 6.5.25 to 10.8.25.

2102 - *„R.C. IV Exemplar Nr 2"*. Russian 4 figure code partially reconstructed with pencil entries (& a Photocopy).

2103 - *„Arbeiten zu.R.C. IV 10-10-24 to 10-1-25"*. Contains a few worksheets papers loose in folder.

2104 - *„Marina J B 8"* Japanese Diplomatic traffic, naval attache. Not decoded. Statistical study of code in T2105. *„Naval attache traffic, addressed to „Kaigun"*. Telegram style papers loose in folder.

2105 - *„Japanese Diplomatic code (Naval Attache) - J.B. 8 Statistik"*. Statistical study of code for traffic see 2104. Refers to traffic marked *„Kaigun"*, Jap Diplo; Pages loose in folder.

2106 - *„Japanese Diplomatic traffic. J.B.9"*. Diplomatic (?) Traffic in chronological order,
1920- 23, not decoded for statistical study of code see T2101. Traffic addressed to *„KARGUN"*. Japanese Diplo, Naval attache. Loose papers in folder.

2107 - *„Japanese Diplomatic Code (Naval Attache) J.B.9 Bearb"*. Statistical study of code - for traffic see T2106. Related traffic has the addressee *„KAIGUN"*. Loose papers in folder, with pencil script.

2108 - *„Japanese DiplomaticCode (Naval Attache) - J.B.9"*. Five letter groups with occurrences. For traffic see T2106. Related traffic addressed to *'KAIGUN'*, Japanese Diplomatic. Hard backed book.

2109 - *„Japanese Diplomatic traffic - J.B. 10 & 13".* A few messages of 1920, decoded. Addressed to *'RIKUGIN'.* Papers in envelope.
2112 - 8 parts of photocopied documents. 1935 Chinese???
2114 - Bulgarian Diplomatic code. Worksheets; also 2 pages of traffic index. Date 1919?
2115 - Bulgarian Diplomatic code. *„Materiel (?)".* 3 fig groups with some notations. Pencil entries.
2116 - *„Bulgarian Diplomatic Book". „O B D (B D I".* Partially recovered code. Hard backed book.
2117 - *„Jugoslav Diplomatic Code - Serbien I".* Serbian figure-code, partially decoded.
2118 - *„Jugoslav Diplomatic Code". „Serbien II".* Serbian figure code partially recovered - no date. Fragile book.
2119 - *„Jugoslav Dip Code - S D III".* Serbian fig-code, partially recovered. Occurrences noted. No date. With pencil entries.
2120 - *„Haagar code".* Bulgarian Diplomatic traffic. A few undecoded messages, 1930. Worksheets also included. Papers loose in folder.
2121 - *„Bulg Hof code 4c".* Bulgarian Diplomatic code. Partially recovered code with occurrences of identified groups. No date.
2122 - Jugoslav Diplomatic traffic. *„Anfante und Schlusse".* Beginning and concludng lines of messages. 5 letter groups in 3 bundles. One bundle of 2 fig groups 1941-42. No date. Papers loose in envelope.
2123 - *„Jugoslav Dip code" „S.D.I.V."* Serbian figure code, partially recovered, copied 1935. Enclosed are worksheets on HOFCODE, SDVI (Jan 1933-SD V, I & II). Pages loose.
2124 - Jugoslav Dip code. *„S D IV".* Partialy recovered Serbian cipher code, with occurrences of groups. No date.
2125 - *„Bulgarian Diplomatic code". „S.B.D.I 88844 bcdae".* Worksheets on figure groups with pencil entries.
2126 - Jugoslav Dip code. *„Dietz".* Croatia. Partially recovered 4 figuer code. No date. With pencil entries.
2127 - *„Bulg Hof Code".* Bulgarian Diplomatic traffic. Decoded messages, 1927. A few worksheets enclosed.
2128 - *„36633".* Bulgarian Diplomatic code. Book of occurrences, also loose worksheets and some traffic, 1929.
2129 - *„B.D14".* Bulgarian Diplomatic Code. Partially recovered 5 figure code. Also a message of 1918.
2130 - *„B.D.14 - Bulgarian Dip code".* Partially recovered 5 fig code with no date. (With pencil entries).
2131 - *„Z-C.CReg D 1 - Serbo-Croat Dip code".* Partially recoveed 3 figure code with no date. Hard backed book with pencil entries.
2132 - *„B.M.12".* Bulgarian Dip code. Partially recovered 5 fig code, undated.
2133 - *„Bulgarian Dip code. .G..3".* Partially recovered 5 figure code , undated.
2134 - *„Bulgarian Dip Code. N.B.D Neuer Diplomatic".* Partially recovered 5 figure code with no date. Hard backed book with pencil entries.
2135 - *„Bulgarian Dip code. Bulg 885".* Partially recovered 5 figure code. Undated with pencil entries.
2136 - *„Bulgarian Diplomatic Code - O4C".* Partially recovered 5 figure code with occurrences. Also a few loose worksheets with no date. Pages with pencil entries.
2137 - *„Polish Diplomatic code - Q.P.D."* Partially recovered 4 fig code with occurrences. No date. Very fragile hard backed book.
2138 - *„Jugoslav Diplomatic code - Stockholm 001-249".* Partially recovered 5 fig code with

no date. Hard backed in good condition (pencil entries).

2139 - „*Jugoslav Diplomatic Code*". *'Stockholm 250-499'*. Partially recovered 5 fig code with no date. Hard backed boook in good condition with pencil entries.
2140 & 2141 - Photostats. „*Dictionnaire de cifra du ministerio dos Negucio's Rstrayeiros.*"
2143 - „*Codes and Ciphers*". Bound book - 5F code containing figure entries which are in most cases preceded by a letter. Language undetermined. Hard backed book with very difficult to read pencil entries.
2144 - „*Franz.code der poln Diplomatic*". Polish codebook and traffic in Diplomatic French, with pencil entries.
2145 - „*B.G..2"* Partially reconstructed Bulgarian code. Very fragile/delicate document, tatty and falling apart.
2146 - Partially reconstructed Bulgarian code of considerable antiquity. Very delicate papers in folder.
2147 - „*B.D.26"*. Partially reconstructed Bulgarian code.. With pencil entries.
2148 - „*Polnisch Dreisteller code I, code II*". Polish 3 figure code with pencil entries. Some loose pages.
2149 - „*B.M.11"*. Partially recovered Bulgarian code with pencil entries. Falling apart.
2150 - „*P.P.D*". Probably a Polish code, 1929.
2151 - „*Q.P.D*". Probably a polish code. Good condition, with pencil entries.
2152 - „*Q.P.D*". 4 figure code, proably Polish.
2153 - Partially reconstructed Polish 4 figure code, with pencil entries.
2154 - Worksheets on Polish 4 figure code. Some loose pages and very few entries.
2155 - „*N.P.D.II*". Partially reconstructed Polish 4 figure code. Fragile hard backed book.
2156 - „*P.Franzosische code*". Worksheets on french 4 figure code. Loose pages.
2157 - „*698"*. Workbook on Bulgarian 5 figure code, with pencil entries.
2158 - „*66633.955"*. Workbook, occurences only of an undetermined code. Good condition with very tiny pencil entries.
2159 - „*B.U.4"*. A workbook on Bulgarian 5 figure code; few values recovered. Falling apart and some pages loose.
2160 - „*2(166) 16-31"*. Workbook of 5 figure Bulgarian code.
2161 - „*B.D.3"*. Work book on 5 figure Bulgarian code. With pencil entries.
2162 - „*Bulgaren 088 A B D 1015"*. Partially reconstructed 5 figure Bulgarian code.
2163 - „*088 QBD 16-31 (Bulgaren)*".2 Workbook on 5 figure Bulgarian code with some loose pages.
2164 - „*Bulgarischer code 1921 649 885 095"*. Workbook on 5 figure Bulgarian code.
2165 - „*B.M.7"*. Workbook on recovered Bulgarian 5 figure code.
2166 - „*36633M8"*. Workbook on Bulgarian 5 figure code with small pencil entries. Good condition.
2167 - „*B.M.C.1"*. Workbook on Bulgarian 5 figure code.
2168 - „*B.M.C.5"*. Workbook on Bulgarian 5 figure code. Delicate pages.
2169 - „*B.M.11"*. Workbook on 5 figure Bulgarian code.
2170 - „*430 16-31"*. Workbook on Bulgarian 5 figure code, with pencil entries.
2171 - „*P.D.1e*". Reconstruction of a 4 figure Polish code.
2172 - „*B.C.4"*. Workbook on Bulgarian 5 figure code and some traffic, 1936-37.
2173 - „*Bulg. 36633 08"*. Workbook on Bulgarian 5 figure code with pencil entries.
2174 - „*507 16-21"*. Workbook and sheets on Bulgarian 5 figure code & 1 msg. Some lose pages.
2175 - „*Bulgaren Regisratur*". Bulgarian diplomatic traffic index 1925-36.

2176 - *„gegen code Q P D“*. Reconstructed 4 figure Polish code. Book falling apart.
2177 - *„2"*. Reconstructed 4 figure Bulgarian (?) Code. With pencil entries.
2178 - *„N.H.C.“* Workbook on 5 figure Bulgarian code. Good condition with few entries.
2179 - *„B.M 2 und 6 und 7"*. Reconstructed 5 figure Bulgarian code. Delicate papers but quite difficult to read.
2180 - *„B.D 3"*. Reconstructed 5 figure Bulgarian code with pencil entries but quite difficult to read. Delicate papers with some loose pages.
2182 - Worksheets and part of Japanese codebook. Papers loose in envelope.
2183 - *„J.B.20"*. Worksheets, a description of J.B. 20 and a few messages, 1925. Loose pages in folder.
2185 - *„J.B.26"* Worksheets and 4/L traffic, 1925. Loose papers.
2186 - *„J.B.23 and 27"*. Worksheets of Japanese code. Loose papers with pencil entries.
2187 - *„J.B.27 und 28"*. Worksheets partly decoded messages and a report on J.B 26 and 27 and 28 dated 1925. Some loose pages.
2190 - *„J.B.50"* Worksheets and 5/L messages 1938-39. Pages loose in folder.
2191 - *„J.B.39"* 3/L telegrams and worksheets 1920. Pages loose in folder.
2192 - *„Varia 1925/6/7/8"*. Japanese traffic 1925-28. Lots of loose papes in folder.
2193 - Number of 5/F Japanese telegrams 1914. Loose pages in folder.
2194 - *„I.T.B21 4"*. Partially reconstructed Italian 15 letter codebook 1942.
2195 - *„Vatikan code II 441 Berlin“*. Partially constructed Vatican 3 letter codebook. Fragile papers.
2196 - *„I.T.B.20 Buch 2"*. Partially reconstructed Italian 5 figure codebook. Hard backed book with pencil entries.
2197 - *„S.I.Statistik“*. Partly constructed Italian 5 figure codebook. Good condition with pencil entries.
2212 - Worksheets, undated. Diplomatic code. Bulgarian code. Loose papers in envelope.
2213 - *„720"*. Bulgarian Diplomatic code. Work book, probably Bulgarian. With pencil entries.
2214 - *„062(825)1-15"*. Bulgarian code. Workbook Bulgarian.
2215 - *„I.9ab Okt.33"*. Rumanian Diplomatic code. Partially reconstructed 5 figure code to be used from Oct 1933, with pencil entries. Hard backed book.
2216 - *„13"*. Rumanian Diplomatic code. 5 figure code partly reconstructed with few pencil entries. Thick book, but falling apart.
2217 - *„R16 Handbuch“*. Rumanian Diplomatic code. *„Al cretzranu“*. 5 figure code. Partially filled 5 fig codebook to be used from June 1935 with few pencil entries.
2218 - *„10 ab Juni 35"*. Rumanian Diplomatic code. Partially filled 5 figure codebook to be used from June 1935, with few pencil entries.
2219 - *„14"*. Rumanian Diplomatic codes. 5 fig code partly reconstructed, undated. Book falling apart with pencil entries.
2220 - *„R1"*. Rumanian Diplomatic code. Partly reconstructed Rumanian Diplomatic code. Partly reconstructed Rumanian 5 figure code book with pencil entries. Hardbacked book, in good condition.
2221 - *„R12"* Rumanian Diplomatic code. Partly reconstructed Rumanian 5 figure code book with pencil entries. Hard backed book, beginning to fall apart.
2222 - *„R13"* Rumanian Diplomatic code. Partly reconstructed Rumanian 5 figure codebook. Hardbacked book in quite good condition with pencil entries.
2223 - *„R8 Berlin ab Juli 29 Nov - 33 7"*. Rumanian Diplomatic code. 5 figure codebook to be used from July to Nov '33. Falling apart.
2224 - *„17. Rumanian Diplomatic code. B17. Al telemarque.“* Partially reconstructed 5 fig codebook. Big hardbacked book, with just about readable pencil entries.

2225 - *„R16".* Rumanian Diplomatic book, falling apart. Partly recovered fig code book. R41 code Al Cretzranu - in use till 1941 - Oct 22.
2228 - Press clippings of personalities M-Z. Papers in envelope.
2229 - Original German booklet. *„Verzeichnis des mitgheder des Diplomatischen korps in Berlin."* Catalogue of Diplomatic personnel living in Berlin, Dec 1936.
2230 - Four blue cards bearing numbers II 1370 intermittently with a place name or phrase against each.
2231 - *„15 lmn".* Four volumes of Hollerith work. Loose papers in folder.
2232 - *„15pqr".* Four volumes of Hollerith work. Loose papers in folder.
2233 - *„19".* Four volumes of Hollerith work. Loose papers in folder.
2234 - *„20".* Four volumes of Hollerith work. Loose papers in folder.
2235 - *„R19".* Part of a 5 fig codebook. Papers in envelope.
2236 - Rumanian traffic 1945. Hardbacked book.
2237 - Index of Rumanian traffic. Papers loose in envelope.
2238 - *„SF IX D Lesart: 345-10."* Jugoslav Diplomatic code. Partially recovered 5 figure code. No date with pencil entries.
2239 - *„Inhaltsverzeichnis T1004 Innsbruck."* Italian Diplomatic traffic. Plaintext messages arranged according to place of papers bound together.
2240 - Papers bound together and in an envelope. Italian Diplomatic traffic. *„Salzurg T100 & Salzburg."* Plaintext messages arranged according to place of origin and destination 1942-43.
2241 - *„Innsruck Tafeln alte und neue Lousunen."* Italian Diplomatic code. Tables and solutions. Papers loose in folder.
2242 - Italian Diplomatic traffic. Partially decoded messages 1942. Loose papers in envelope.
2243 - *„Esten".* Esthonian Diplomatic traffic. A few partially decoded mesages of 1928 and 1939; also a number of worksheets on *'Estmischer Tritheim."*
2244 - Cryptanalytic tables 1940-43.
2247 - *„Vortage."* Notes on procedure to be adopted for decoding; Symbols to be used; Special reference to *'Wurfehewerfahren.'* 4 folders within 1.
2248 - Notes on Hungarian codes. *„Ungarn".* German papers in folder. Loose papers in folder.
2249 - *„Abschrift vom original B20 Y1."* Copy of 5-figure code with groups running from 10,000 to 54,299. Date of copy approx 1944. Papers in envelope.
2250 - *„Italienischer Agentenverfahren (aus Griechland) 1943."* Italian Diplomatic cipher. Instructions for use of cipher obtained from Italian consulat in Salonika. German translation enclosed; also 2 French-Greek dictionaries for use with the system.
2251 - *„Verscheidere T.10."* Substitution tables, mostly *'LM'.* Papers secured in folder.
2252 - Italian Diplomatic code. Report of Italian section for the year 1940; articles and notes on various Italian codes for years 1930-40 (approx). The whole comprising and folders. Falling apart.
2253 - *„B 3001-3250"* Greek Diplomatic Traffic, completely decoded 1944.
2254 - *„B3251-3500".* Greek Diplomatic traffic, completely decoded, 1944.
2255 - *„GC B 3501-3750".* Greek Diplomatic traffic, completely decoded.
2256 - *„GC B 4251-4502"* Greek Diplomatic Traffic, completely decoded.
2257 - Hard backed folder. „GC B 4503-4748". Greek Diplomatic traffic, Dec 1944-Jan 1945 - completely decoded.
2259 - *„SP Grund C".* Photostatic copy of practically completed 4F code.
2260 - (Loose papers in envelope) *„Brem 1/11/44".* Binder of 5L Chinese diplomatic traffic most of which has been worked on.
2262 - (Loose papers in envelope). *„Dryv 1/11/45".* Binder of 5 letter Chinese Diplomatic

traffic most of which has been worked on.
2263 - (Loose papers in folder). *„31"* Loglisting initial and final groups *of Chinese traffic.*
2264 - (Loose papers in folder). „Maschinen system compare Damn u a". Articles and photostat copies of letters concerning various cipher machines.
2270 - 1943 German.
2284 - *„Madrid-Rio De Janeiro- Band III angefangen am 6 Dez. 1942 beendet am 28 mai 1943."* Spanish Diplomatic traffic. 4 figure code, unworked messages.
2289 - Folder full of Spanish Diplomatic traffic 1938-44. X2 folders.
2290 - Folder with decoded Chinese traffic.
2294 - Folder with loose pages. Manchurian Diplomatic code. Decode Manchurian diplomatic traffic, 1942. Photostatic copy of clear text msg.
2298 - Hard backed original book. Chinese Diplomatic code. *'Code teh.ming.' Table telegraphique dont se sert le government chinois."* Notes on use of code viguier. Procedure for encipherment of secret telegrams code the. Ming and 2 telegram dated 20 May 1886.
2299 - Hard backed original book. Chinese Diplomatic Code. *„S.viguier code telegraphique."* Chinese Diplomatic Code with explanation in French 1872.)
2305 - Loose papers in folder. Italian Diplomatic traffic. Italian Diplomatic traffic and copies of decoded msgs 1943.
2306 - *„16 2251-2400."* French Diplomatic Traffic. (Vichy diplomatic traffic, decoded 1940-43, fig) (Black hard backed folder).
2308 - Envelope with loose pages. Italian Diplomatic and decoded Italian Diplomatic msgs from Dublin to Madrid, 1943. Also loose sheets from Italian 5 letter codebook labelled *„A.R.30."*
2312 - Loose pages in envelope X2. 1943 Turkish 5 figure Diplomatic traffic.
2314 - *„Der Augbau des fuenfstelligen Buch - stabengruppen des A.R 30."* Also correspondence relating there etc. (See also 2315).
2315 - In 1692 folder prob by mistake. Italy Diplomatic messages Nos 57 & 58, decoded. Also worksheets A.R.30.(see 2314).
2322 - Italian code A.R. 30 (see 2308). Book in good condition.
2324 - Bulgarian Diplomaic traffic. *„Lisbon 66644".* With some decodes.
2327 - (some loose pages). Bulgarian Diplomatic traffic with decodes. *„BD 28-801."*
2328 - *„C3/JD VII."* Workbook on Bulgarian code. Many entries.
2329 - Bulgarian Diplomtic codes. *„BD 15 CB - Tabellen."* Conversion tables for figs.
2332 - *„BD 16".* (Pencil script) 4 & 5 figure groups with plaintext equivalents.
2333 - *„BD 33 Verschobene Seifen bcdae."* Worksheet with 2 worksheets.
2334 - Hard backed book. *„BD 25".* Codebook with 2 tables.
2335 - *„BD 19 acebd".* Codebook with some plain text.
2336 - Hard backed black book. Good condition. File of Bulgarian traffic 1942, 43 & 44. No decodes.
2337 - *„BD 27".* Codebook partly used.
2338 - *„BD 26 Verschobene Seiten."* Codebook with 4 tables 1-15, 16-31.
2339 - Tatty hardbacked book. „Bugarischer Diplomata code fur da zirkulart verkehr in gebrauch 1.5 1938. (Partly reconstructed codebook with 2 tables).
2341 - Worksheets with a few tables.
2342 - Black folder. *„BD 29 Tokyo".* Traffic partially decoded 1942-1943.
2343 - (Loose papers in folder) *„B22211".* Traffic not decoded, 1944.
2344 - *„Edivne Ankara".* Traffic and worksheet 1944. Loose papers in folder.
2346 - Loose papers in folder. *„Varia 1936."* 16 page exposition on Polish Diplomatic Code.

2347 - Tatty envelope. „*Bulgaria*". Notes relating to Bulgaria traffic. Written on back of Finnish Diplomatic traffic of 1942.
2348 - „*Mihtarverfahren Budapest, Agram, Rom, Berlin*". 4 pages of Bulgarian Military code.
2349 - „*Rechingen ffit radiorohren u. Ersatztade.*" Accounts relating to wireless values and spare parts.
2350 - „*Chi*". Worksheets on various systems. Loose papers in folder.
2351 - „*B99944*" Unbroken Bulgarian traffic. Loose papers in folder.
2352 - Loose papers in folder. Log crash of Czech traffic 1944.
2353 - „*BD 27 (3)*".Partially constructed codebook with 2 tables.
2355 - „*Chiffre - anfertgnag Band I*". Correspondence and accounts relating to production of cipher material.
2356 - German correspondence dealing with the production of new code 1921-22. Some typed letters in German and some in script e.g. Direction der Reichsdruderei.- including an advert for „*Markiche perforiermaschinen-fabrik*" K Nitschke & Co.
2357 - 1935, 36, 38 & 39. German correspondence relating to wireless equipment addressed to AA Eing. Some typed letters/notices and some script headed paper for Tranocean GmbH. Headed paper for Ideal Werke and headed paper for Reichs.Rund, Berlin GmbH.Small newspaper clipping: „*La radio alemana desde Nuremberg transmitira todos los dias informacrones del Congne Nazi*".
2358 German - „*Akta Osobowe*" - Miscellaneous notes and corrrespondence in script and typed German. „*Geheime Reichspache*!" Tables and codes, several of the tables being very similar. Key. Umschaltfehler. Listing.
2359 German - 5 folders containing tables, typed and script numbers (all similar).
2360 German -Tafeln. Folder containing tables for Bern, Moscow, Ankara, Warsaw, Belgrade, Prague (press mark). All numbers and all similar.
2362 German - Tables marked Madrid (typed numbers).
2364 „*Thai Buchstaben*" - 5 letter Thailand messages not decoded 1939-45. (Bangkok). Typed. Several and similar.
2366 Spanish - Espania - Madrid correspondence/tables 1942. Including small list of Ministries/Ambassador e.g. Minister Espana Guatemala Ambassador Espana Lima.
2367 Black bound folder containing Thailand diplomatic traffic vols 18-27 from Nov 12 to Oct 1944. Typed tables written over in script. Several all similar. (Coded messages which some have the English translation written on.)
2368 Black bound folder containing more Thailand diplomatic traffic from Nov 1942 to Oct 1944. (As before)
2369 Black bound folder containing Thai diplomatic traffic Vols 18-27 from Nov 1942 to Oct 1944. (As before).
2370 Black bound folder containing Thai diplomatic traffic Vols 18-27 from Nov 1942 to Oct 1944 (As before).
2371 Black bound folder containing Thai diplomatic traffic, Vols 18-27 from Nov 1942 to Oct 1944 (As before).
2372 Black bound folder containing Thai diplomatic traffic, Vols 18-27 from Nov 1942 to Oct 1944. (As before).
2373 Black bound folder containing Thai diplomatic traffic, Vols 18-27 from Nov 1942 to Oct 1944. (As before).

2374 Black bound folder containing Thai diplomatic traffic, Vols 18-27 from Nov 1942 to Oct 1944. (As before).
2375 Thailand diplomatic traffic Vols 18-27 from Nov 1942 to Oct 1944 - 5 figure traffic.

2376 Black folder Thai diplomatic traffic Vols 18-27 from Nov 1942 to Oct 1944. 5 figure traffic with some English translation.

2377 German- .4 figure code. *„Nachtag 'Bremen'"*.

2378 German? Tafel 17, 19, 21 . Worksheet headed tables.

2379 Bulgarian - BD 31 42 partially reconstructed 5 figure traffic 1944 messages and a few worksheets. Consists of a properly made up ledger and some script.

2380 Bulgarian - BD 28 Vichy II. 5 figure traffic and decodes 1942-43.

2381 Bulgarian - BD 28 vi Li I 5 figure traffic and decodes 42-43 and frequency table.

2382 Bulgarian - Black folder - 5 figure traffic and decodes 1940-43.

2383 Bulgarian - Black folder - 5 figure traffic and decodes 1939 - 43

2384 Bulgarian - BD 19 1-169. 5 figure traffic and decodes 1940-44. Black bound book. Typed and some German translation.

2385 Bulgarian - Black bound book. D 28 100-299. Three volumes of 5 figure traffic and decodes 1943-44.

2386 Bulgarian - Three vols of 5 figure traffic and decodes BD 28. 1943-44.

2387 Bulgarian - BD 28 60-800. Three vols of 5 figure traffic and decodes 1942-44.

2388 Bulgarian - BD 30 350-5-4, 505-700. 2 Vols. 5 figure traffic and decodes 1944.

2389 Bulgarian - BD 30 505-700. 2 vols. 5 figure traffic and decodes 1944.

2390 Bulgarian - BD 30 I - 1 118 5 figure traffic and decodes 1943.

2391 Bulgarian - BD 31 - 5 figure traffic and decodes 1943-44.

2392 Bulgarian - BD 30 702 - 5 figure traffic and decodes 1944-45.

2393 Polish - Lever arch file. P material 1943-44. Circa 31 Dec 1944. Decodes of diplomatic traffic - typed and script.

2394 File of decoded messages to Polish Govt in London 1945. Typed.

2395 Polish material ab 1 Jan 1945. Polish decodes 1945. Typed.

2396 Five Russian messages unworked July 1945. A) 5 Russian messages copied on German forms but unworked. Apparently Diplomatic traffic in 5 letter groups as the present traffic is. B) Two of the 5 messages are probable system ZZA. The rest are unidentifed diplomatic.

2397 German - Tables marked Ktb I, II, III, IV. Written not typed.

2398 Three Bulgarian 4 figure messages and decodes.

2399 German - Miscellaneous papers, copy of Greek alphabet and a letter by Paschke (Approx 1942).

2400 Bulgarian - 5 figure traffic and decodes 1945, a traffic register, worksheets and a copy of directions for handling incendaries.

2402 Japanese b1, 2, 3. Japanese Diplomatic traffic (10/letter), worksheets and article by Schauffer on systems *„J1, JB2, JB3, JB18 for 1918-1923"*. Script and typed.

2404 *„JB4"* - Japanese Diplomatic worksheets, freq counts on 10 letter traffic. 10 letter traffic in old telegram form. Mainly written in script.

2405 *„JB5 statistik,, Bearbeitung."* Japanese diplomatic worksheets, freq counts and several 10 letter messages of 1918-19. Mostly script (10 letter messages in old telegram form).

2406 *„JB6"*. Material and Bearbeitung Japanese Diplomatic worksheets, freq counts and a few relevant 10 letter group messages. 1920 (mainly handwritten).

2407 *„JB7 beareitung, Tauschtafel."* Japanese Diplomatic worksheets, cipher key, freq counts and a deciphered 10 letter group message. 1920. (Mostly hand written).

2408 *„JB11"* - Japanese Diplomatic worksheets, freq counts and relevant 10 letter group traffic, decoded 1920. (Hand written and typed).

2409 *„JB15"* Statistik. Japanese diplomatic worksheets, freq counts on a substitution cipher, 1921 (Handwritten).

2410 *„JB16"* - Japanese Diplomatic worksheets, freq counts, some decoded 10 letter group traffic and an article by Schauffer, 1925: *„Bericht uber den JB 16"*. (Mainly script and old telegram form).

2411 *„JB25"* - Japanese Diplomatic worksheets, freq counts and a few undecoded 10 letter group messages dated 1924. (Old telegram form).

2412 *„JB 29"* - Japanese Diplomatic worksheets, freq counts and an article by Schauffer 1925: *„bericht ue den JB 29"*. (Typed).

2413 *„JB30" „oh"* Bearb. Japanese diplomatic worksheets, freq counts, no dates given. Probably about 1925 (fragile and written).

2414 *„JB31" „pu"* code. Japanese diplomatic cipher, partially reconstructed, with worksheets, freq count and two plain text Japanese messages dated 1927. (Mainly written).

2415 *„JB32"* Bearbeitng *„UC"*. Japanese diplomatic worksheets, freq counts and a memo dated 1928. Mainly all written.

2416 *„Jap B 43, 44"*. Japanese diplomatic worksheets, frequency counts on systems JB 43 & JB 44. Dated 1936 (Typed and script).

2417 *„2 stell. B code, 2 stell.sahlen code, JB13(...) Bearbeitung"*. Japanese diplomatic worksheets, freq counts and relevant 10 letter and 10 figure group traffic, in 3 sections in folder 1921-22.

2426 Japanese - Envelope. Addressed Herrn O.R.R. Dr Kunze, A.A. Dahlem. Decoded photostat copies of telegrams dated 20 May 1939 with daily shifts for *„J3"* and list of all abbreviations (several of the same/similar).

2427 Written (probably) Japanese codes.

2429 Work on Japanese codes Feb-Dec 1939. *„Anfange 48 Feb 1939"*. (All written).

2430 Work on Japanese codes 30 Dec 1939-31 Dec 1940 (All written).

2431 Work on Japanese codes Jan-Mar 1948. (All written).

2456 French - ZU col zi (colonial code 1923, 42, 43) 1 copy of original *„Instruction no 1 A sur le systeme cryptoggraphique 1923s (1923 simple). Exemplaire No 143". „Tres Secret!!"* (Typed and script).

2457 German - Ueberschlusselungen. Notes on *„Entschleuesselung"* Code 1926 B and 1 copy of a table of geographical names with 4 figure equivalents) including original card - *„supplement de noms politiques et Geographiques"* 1 copy of surchifffremant m.x. C16 Mon - Bouake. Exemplaire No 7. 1 copy of Pemplace et annule le precent tableau de chifferement annexe la cle m.x.

2458 Japanese semi-processed cipher messages (typed).

2459 Japanese worksheets.

2460 Japanese - Approx 1939 5 figure codes.

2461 Folder containing mostly worksheets on Japanese codes, also some intercepted Japanese traffic, 1936 & 37 (Handwritten & typed).

2462 Japanese - Worksheets and J 36-39 etc. (Written & typed).

2463 Japanese - Contains worksheets and some traffic. (Mainly handwritten).

2464 Contains photostats and copies of 5 figure (Japanese traffic 1940) (typed and handwritten).

2465 *„J 64 1-249"*. Japanese Diplomatic letter traffic, decoded worksheet Nos 1-249 (1943-44). Black bound book.

2466 *„JB64 250-537."* Japanese Diplomatic letter traffic, decoded, worksheet nos 250-537 (1943). Black bound book.

2467 *„JB64 538-799"* Japanese Diplomatic traffic decoded. Worksheet nos 538 to 799

(1943). Black bound book.

2468 *„JB64 800-1015"*. Japanese Diplomatic, letter traffic, decoded. Worksheet nos 800 to 1015 (1943-44). Black bound book.

2469 *„JB64 1016-1300"* Japanese Diplomatic letter traffic, decoded worksheet numbers 1016-1300 (1943-44). Black bound book.

2470 *„JB64"* - Japanese Diplomatic letter traffic, decoded worksheet nos 1301-1480. (1943-44). Black bound book.

2471 *„JB64 - (1481-1644)"* Japanese Diplomatic letter traffic, decoded worksheet numbers 1481-1644, years 1944-45. Black bound book.

2472 *„JB 62"* - Japanese traffic decoded 1944. Black bound book.

2473 Japanese Diplomatic code - J. 40, 44, 45, 50, 52, 53. 1 copy and in pencil script.

2475 Japanese - Typed and script. Unknown to 1945. 5 letter diplomatic.

2476 Japanese - J.B. 59 Statistik (all pencil written).

2479 *„JB 18 Bearbeit'g"*. Japanese Diplomatic code and cipher. Solutions in German, with worksheets on JB 18. Article dated 23 May 1923 by Schauffler, with diagrams explaining the workings of Japanese JB 18 code.

2480 *„JB 59 u - tatag, ggag, kakak."* Japanese diplomatic code and cipher worksheets and cipher strips (1940).

2481 *„Irade"*. Japanese diplomatic code 1949-42 with code equivalents, cipher tables, memos and references to *„Irade"* systems: hts, vjf, nbm, frv, with the settings for various months.

2482 Japanese - Allegemeinnes. Worksheets Diplomatic code JB 34a-J.B. 40). Loose paper (mainly pencil script).

2484 *„H.Z.B"*. Bound workbook on French figure and letter code - Partial reconstruction. (Very neatly catalogued).

2485 *„III 1-482"*. Bound workbook on French 4 figure code - partially reconstructed.

2486 *„2 Berlin 1 - 500"* Bound workbook - partial reconstruction of French 4 figure code.

2487 *„F5"*. Bound workbook - partial reconstruction of french 4 figure code. (Very neatly catalogued, typed and script).

2488 *„3 Varia 1"* - Bound workbook - partial reconstruction of French 4 figure code.

2489 *„Alphaetisch"*. Bound workbook - partial reconstruction of French 4 figure code, words arranged in alphabetical order with corresponding numbers opposite. (Very neatly catalogued in script).

2490 *„Niederland Bu 1"*. Bound workbook - partial reconstruction of Dutch 4 letter code. (Typed and script).

2491 *„Niederland Z1"*. Bound workbook - partial reconstruction of Dutch 4 figure code. (Neatly catalogued).

2492 *„Niederland F1"*. Bound workbook - partial reconstruction of French 4 figure code, words arranged alphabetically with corresponding numbers opposites. (Neatly catalogued).

2493 *„Niederland BUCc"*. Binder - photostatic copy of workbook on Dutch 4 letter code (neatly catalogued, several pages).

2494 *„3 varia 2601"* - Binder contains French 5 figure traffic between Paris and various places, Budapest, Oslo, Shanghai etc (1939). (script and typed - several pages).

2495 Black lever arch file. *„HO Zi Code"*. Binder photstatic copy of workbook on Dutch 4 figure code. (Typed) Hundreds of pages the same.

2496 Old but still neatly catalogued. *„H.D.2"* Folder - workbook on French 4 figure code, partial reconstruction.

2497 Blue folder, Dutch 5 figure traffic 1942, also reporting of work on Dutch codes and several notes signed by Regirungstat w Brades. Several loose papers. Typed and pencil script.

2498 Envelope containing two photocopies of messages, French diplomatic, Vichy-Belgrade and Vichy-Helsinki.

2499 Spanish Diplomatic 1945.

2501 1945 Chilean. 5 letter traffic (few pages - old).

2503 Peruvian Diplomatic traffic. 5 letter, undecoded for March 1945. 1 page only.

2504 Venezuelen Diplomatic traffic, 5 letter, undecoded. March 1945. 6 pages only.

2506 Ecuadorian Diplomatic 5 letter traffic, undecoded for March 1945. 6 pages only.

2507 Dominican Republic Diplomatic traffic, undecoded for March 1945. 4 pages only.

2510 German - *„Kryha unterlagen und bearbeitung"*. Newspaper clippings, advertisments, worksheets, all concerned with Kryha cipher machine.

2520 French - 1 copy only. *„Dictionnaire Cluffre Modele 1912, Type A Exemplaire No 172)."* French meeting 5 figure code book, dated 1912, original copy issued to *„Le Commedant d'armes de la Quesnary"*.

2521 German - *„Zahlenwurm (Rohrbach)"*. Folder with worksheets and reports on the methods of decoding 5 figure and 5 letter ciphers . Work done by Dr Rohrbach.

2522 German ?? *„Gesellenstucke"* Folder with worksheets on various 5 figure and 5 letter ciphers, with report concerning the security angle of a certain cipher procedure. Work done by Dr Rohrbach (Few loose papers).

2526 Rohrbach. Folder with Polish diplomatic 4 figure traffic (1940). Some work done on re-decoding.

2528 ???? *„Grundverfahren 1: Tausch"* 3 folders - worksheets and decodes of 4 letter, 5 letter and 5 figure ciphers. Ciphers are headed *„Uhr",„Schwengel", „Brille", „Tiger"* etc and decodes of texts are in English, French and German. All appear to be basic cipher procedure without any indication as to which countries are using the ciphers. Some traffic refered to as *„Klartext Turkirsch"*. (Dr Rohhrach). (Few loose papers).

2529 ????? 3 folders - worksheets and decodes of 4 letter, 5 letter and 5 figure ciphers. Ciphers are headed *„Uhr", „Scwengel", „Brille", „Tiger"* etc and decodes of texts are in English, French and German. All appear to be basic cipher procedure without any indication as to which countries are using the ciphers, though some traffic is referred to as *„Klartext Turkisch"*. (Dr Rohrbach) Few loose pages.

2530 ????? *„Grundverfahren 3: Wurfel"* 3 folders - worksheets and decodes of 4 letter, 5 letter ciphers. Ciphers are headed *„Uhr", „Schwengel", „Brille"* etc and decodes of texts are in English, French and German. All appear to be basic cipher procedure without any indication as to which countries are using the ciphers, though some traffic is refered to as *„Klartext turkisch"*. (Dr Rohrbach) Loose papers.

2532 German - *„Perser.Bea"*. Frequency study based on Rosen, Elmenta Rersica 1915. Loose papers, pencil written.

2533 Ecuador vom 2 Sept 1944 bis 24 December 1944. Diplomatic 5 letter traffic, undecoded 1944. Black folder (typed and written).

2534 Spanish - Partially recovered 4 figure code. Undated in black folder and neatly catalogued.

2535 ???? German Rumanian code in use in 1914. List of Belgian, Rumanian, French, Swiss and Dutch codes used in 1914. (Few loose papers).

2536 French - *„Franz"* Decoded 4 figure tels. (Only a few and very fragile).

2538 Japanese - Diplomatic traffic (several loose papers).

2549 German - Correspondence at high levels on signals policy and reproductive problems

1941-42. (Several loose typed papers).

2575 Folder containing Chinese 5 letter diplomatic traffic partially worked on. Received from Burgscheindeuren (loose papers).

2577 Russian 4 figure code (NKLO) (1942) 2X folders.

2578 German - Bigram procedural signal re-cipher tables, with abbreviations and „*Q*" code signals. Few loose pages.

2579 German - SPSIB. Correspondence daily file (current) ***X2 copies***. Bigram c/s recipher 3/4 figure tables to 1945.

2580 Russian - C/S cipher systems ***X3 Copies***.

2581 Russian key tables. (Fragile old papers).

2582 Russian - TPR - 43 (Russian C/S table). *„Suchliste Zur TPR-43"* Above c/s's in alphabetical order.

2583 Russian - Red Army procedure 1 copy. 21 July 1948.

2584 Russian - Reconstructed 5 figure code and NKVD 4 figure code.

2585 Russian - *„Seeland"* 3 letter code. Hammerfest 3 figure code. Karandash 3ZC 1427 1943. German notes on these codes. (Oss Wiesbaded)

2586 Various Russian systems.

2587 Italian - *„Instruzione 5u: collegending. Volume II. Norme di corrispondaca 1935".* 1 copy. Regulations governing correspondence by telegraphy, telephony, radio telephony etc. Received from Ns vi.

2588 Italian - 1 Copy. *„Codice Radiotelegrafico Internationale „Q".* International Q code used in radio telegraphs. Received from N.S.V.I.

2589 Italian - *„Domande errsposte sul servizio deu assIstenza del volo a carallere inter-nazionale"* Guide to communications of an international character used in assisting pilots. Received from NS VI.

2591 Lever Arch file. *„Referatseiricht des LCA Neitces".* German reports on allied agents transmitters in Germany, France, Holland, Belgium, Denmark and Norway from ORPO D/F sources. Also telegrams on this subject. Various dates 1944-45. Received from ORPO, Berlin.

2593 ***2X copies.*** Germany Army Enigma keys. (Proper booklet).

2594 German - ***2X copies***. Main „*Q*" link Enigma keys (proper booklet).

2601 German - Partial and political conditions in Southeastern Europe.

2602 German - Franco-British General Staff conferences 1939.

2606 Descriptive notes in German on codes and ciphers. Typed.

2609 German - Air Met Codes (Undated) ***4X copies*** of booklets - 2 the same.

2610 German - Air Met Codes (Undated) ***2X copies*** proper booklets.

2622 French GHQ ciphers security to 1940.

2623 French Military cipher section to 1939 and 1938. (Several fragile loose papers).

2624 Folder of French military telegrams 1939-40, some in clear, some in 5 figure groups - from Schliersee.

2625 French Army GHQ correspondence about cipher security 1939-1940 from Schliersee.

2626 Damaged. Decodes, translated into German of French Police Telegrams 1929-38; with some figure traffic with idents written above the figure groups. From Schliersee.

2627 Training folder of N.N.A Copy 963. Report by a German Sigint comp on the radio communications of British, American and free French forces in Italy. Date 1943-44. Received from S.A.C.

2628 German - Description of invention by Dr Vierling. Lots of loose papers, docs, diagrams *„Kleiner Baurstein"*.

2629 German - Description of invention by Dr Vierling (several pages of diagrams).

2630 German - Description of invention by Dr Vierling (diagrams). Several loose papers.
2631 German - Description of invention by Dr Vierling. Hand written noted and diagrams (filter curves).
2632 German - Description of invention by Dr Vierling *„Sprachdehnungsgerat"* - typed papers.
2633 German - Description of invention by Dr Vierling (loose typed papes and diagrams).
2640 German - Description of invention by Dr Vierling (Typed German papers).
2641 German - Description of invention by Dr Vierling 1942 & 44. German typed papers.
2642 German - 143-44. Description of invention by Dr Vierling (typed German papers).
2643 German - Description of invention by Dr Vierling 1945. German typed papers.
2634 German - 1943-44. Description of invention by Dr Vierling (Loose typed papas and diagrams).
2635 German - Description of invention by Dr Vierling 1945. (Typed loose papers).
2636 German - Description of invention by Dr Vierling 1944. Loose typed papers.
2637 German - Description of invention by Dr Vierling 1944/45. Loose typed papers.
2638 German - Description of invention by Dr Vierling (typed papers and diagrams) 21 April 1944.
2639 German - Description of invention by Dr Vierling properly printed: *„Reichspatentant, Patentschrift."* and typed notes.
2644 German - Description of invention by Dr Vierling (German typed papers and diagrams) 1944.
2645 German - Description of invention by Dr Vierling *„Messungen Von Ringmodulatoren"* (loose diagrams and graphs).
2646 Description of invention by Dr Vierling (typed German papers 1944).
2647 Description of invention by Dr Vierling (typed German papers).
2648 Description of invention by Dr Vierling 1943/44. Typed German papers and diagrams.
2649 Description of invention by Dr Vierling 1943/44. Typed German papers and diagrams).
2650 Description of invention by Dr Vierling (typed German papers and diagrams).
2651 German - Description of invention by Dr Vierling from 1941-44. Including poss patent certificate.
2652 Description of invention by Dr Vierling 1944. German typed papers.
2653 Description of invention by Dr Vierling *„Quarzgeneator"*. Photos and German notes.
2654 Description of invention by Dr Vierling 1944, German typed papers.
2655 German - Description of invention by Dr Vierling - notes and diagrams.
2656 German - Description of invention by Dr Vierling - 1945 notes and diagrams.
2657 German - Description of invention by Dr Vierling - loose German notes.
2658 German - Description of invention by Dr Vierling, German notes.
2659 German - Description of invention by Dr Vierling 1940. German papers.
2660 German - Description of invention by Dr Vierling. Diagrams and notes on *„three folo wobbelung."*
2661 German - *„Gerausch - Geneator"*. Description of invention by Dr Vierling. German notes, diagrams and photographs).
2662 Description of invention by Dr Vierling. German typed docs and diagrams on graph paper.
2663 German - Misc files containing correspondence, drawings and diagrams relating to the *„feuerstein"* projects 1934-44. Typed.
2666 ???? Vatic old docs - 1940.

2669 ???? File of correspondence traffic, tables and indicator lists connected with the French and Polish Military Missions in Paris and Warsaw. 1925-1930 (from Schliersee).

2670 Doc in Polish giving a description of the Russian Radio Networks 1924. From Schliersee (delicate fire singed docs).

2671 French - **2X copies** of a 4 figure code book marked *„Mission Anglaise"*. 1927 from Schliersee.

2672 *„Dictionnaire Chiffre a.d.b.a"*. A4 figure code book used by French Military Missions at Addis Ababa - 1932. From Schliersee.

2673 German - File of newspaper cuttings giving cipher problems to be used on a crypto course - 1933. From Schliersee.

2674 ???? 5 figure codebook. Partly reconstructed. Some of the entries bear the note from VN 1934 from Schliersee. Serbian 5 fig code) very old damaged book.

2685 French - Partly reconstructed 4 figure code book. Undated.

2686 French - Reconstructured 4 figure codebook with some broken messages 1945.

2687 French - Partly reconstructed 4 figure codebook (some worksheets) - pencil script.

2688 French - Partly reconsructed 4 figure codebook 1940. Pencil script.

2690 French - Hard backed book. Partly reconstructed 4 figure codebook. Messages dated 1944.

2691 French - Hardback, some pages loose. Partly reconstructed 4 figure codebook. Messages and worksheets 1944. (from Hungarian crypt unit possibly).

2692 French - Tatty hard back book. Partly reconstructed codebook. 5 figure broken messages dated 1940.

2693 French - Partly reconstructed 4 figure codebook, undated.

2694 French - Partly reconstructed 4 figure codebook. Undated.

2695 French - Partly reconstructed 4 figure codebook, begun 1942. Message partly broken, dated 1944.

2697 French - One copy. Photostat copy of a 4 figure code book 1927. Meanings are actually written.

2698 French - One copy hard backed book. Photostat copy of an undated codebook typed.

2699 French - One partly reconstructed 4 letter codebook (undated). Pencil script. Hard backed book.

2700 French - Hard covers, bound with ribbons. Some loose pages. File of code tables containing 1164/IV bigrams and 2 figure groups - undated.

2701 French - Hardbacked book. *„Francia Ikt"*. Register of diplomatic traffic with remarks 1939. Written in pencil.

2702 Notebook (fragile, containing groups of French words with 4 figure equivalents.

2703 French - Hard backed book. *„103"*. Partly reconstructed 4 fig code book. Undated.

2704 French - Hard backed book *„102"*. Partly reconstructed 4 figure code book. Undated. Some worksheets.

2705 French - Hard backed book. *„118"* Partly reconsructed 4 figure code book. Begun 1939.

2706 French - Hard Covers bound with laces. Pages fairly loose. All typed. *„Surete"*. Partly reconstructed 4 figure codebook. Undated.

2708 Dutch - Green hardback book. *„Holland/Magyar"*. Partly reconstructed Dutch 4 letter/4 figure codebook. Undated.

2709 ???? Spiral bound. Photostat copy of a 5 figure codebook. Undated. Typed. 1 copy in good condition.

2711 Partly reconstructed undated Portuguese codebook. Hard backed.

2713 Russian - Hardback book *„Moskva 12333"*. Partly reconstructed 5 figure codebook. Undated. From the Hungarian crypt unit Eggenfelden?

2714 Croatian - Very old book, falling apart . 5 figure codebook.

2716 Hungarian - Thick orange hard back book. Pencil written. Partly reconstructed 4 letter codebook, 1942. Inside written in pen, *„Budapest"* 1942.

2717 *„Class 19"*. Partly reconstructed 5 letter codebook, undated. Prob from Hungarian Crypt unit.

2718 Italian - *„R10"* Hard backed book. Partly reconstructed 5 letter codebook. Poss 7 Augst 1935. Specimen groups from Italian codebooks.

2719 Hardback book. *„R9"*. Partly reconstructed 5 letter codebook with some messages, 1935. Poss from the Hungarian crypt unit.

2720 ???? *„Uruguay"*. German translation of decode. 1 message from Vatican to Montevideo, dated 9 Sept 1944. Part of thr OKW/Chi archives.

2721 Italian - *„H26"*. Partly reconstructed 5 figure codebook with some broken messages 1937.

2723 Italian?*„Class R 20"*. Partly reconstructed 5 figure codebook 1944.

2725 ???? Partly reconstructed 5 figure codebook together with 2 broken messages, dated 1923.

2726 ???? *„P-2"* - Partly reconstructed 5 figure codebook. Undated.

2728 ???? *„P-4"* Partly reconstructed 5 figure codebook, undated.

2729 ???? *„R-5"* Partly reconstructed 5 figure codebook, undated.

2730 ???? *„R-3"* partly reconstructed 5 figure codebook with some additional groups dated 1929.

2731 Italian *„R-2 Dante"* Workbook with a few entries, undated.

2732 Italian *„R-7"* Partly reconstructed 5 figure codebook with some messages dated 1933.

2733 Italian *„AR 16 R 8 111"*. Partly reconstructed 5 figure codebook dated 1936.

2734 Italian *„Codice R 16"*. Partly reconstructed 5 figure codebook, undated. Hardback book.

2735 Italian *„R14 II"*. Partly reconstructed 5 figure codebook, dated 1938. Spiral bound and written in pencil.

2736 Italian *„Impero"* Partly reconstructed 5 figure codebook, undated. Hardback.

2737 Italian *„R4"* Partly reconstructed 5 figure codebook. Including a tiny notebook with pencil writing ion *„Szotar"*, *„Szavak"*, *„Jegyzeke"*, *„Carlino"*. Poss dated 1931.

2738 Italian *„A.R. 12 Szt Mihaly Codex"*. Partly reconstructed 5 figure codebook dated 1937.

2739 Italian *„R15 II Class"*. Partly reconstructed 5 figure codebook, undated.

2740 Italian *„12"* Partly reconstructed 5 figure codebook, undated. Hard back book.

2741 Italian *„R13"* *„Codice Carline"*. Partly reconstructed 5 figure codebook, undated. Hard back book.

2742-2746 Envelope of separate copies (1 of each). 2742 - M key system Instructions (German). 2743 - Hand key daily tables.

2744 - German tables for decoding corrupt letter groups.

2745 - TP key settings.

2746 - German key tables.

2748 German - Hard backed book. *„Kenngruppenbuch"*. Tables of discriminates. 1941 from ASA Europe. (Very well catalogued).

2749 German - Hard back book. *„Nachrichtenoorschift der Ariegsmarine"*. Naval signal manuals giving instructions in the use of signals procedure from A.S.A. Europe. All

typed/printed.

2750 German - Soft printed booklet. „*Werftschlussel*". Key for use by auxillary craft and shore installations 1940 from State Printing offre Berlin.

2752 German - Book (printer) , not very thick soft backed. GAF coding regulates for the Armed Forces 1942. From NS V1. „*Die Luftwaffenschussel mit den allegemeinen schlusselregeln fur die wehrmacht.*"

2755 German - War diaries. Part 1 1939 to 1941. Typed in Geman.

2756 German war diaries. Part II. Jul-Dec 1941.

2757 German war diaries.Part III Jan - July 1942

2758 German war diaries Part IV Aug-Dec 1945. All typed.

2759 German War diaries Part V Jan-May 1943. All typed.

2760 German War Diaries Part VI Jun-Dec 1943.

2761 German War Diaries. Part VII. March 1944-45. All typed.

2762 German - War Diaries. All typed. Supplement.

2763 German - War Diaries. Jan-Dec 1943. Supplement.

2764 German - War diaries supplement. All typed.

2766 German - Language starts - part I. All typed.

2767 German - Pages loose. Part I. All typed.

2792 Russian - Misc Codes (small booklet). Pt 1 (plus French).

2798 German - 2 books of cipher keys (originator) were found in a locked safe at HQ 5 Inf Bde, Iserlohn.

2803 German - Instructions for use of SNIS code and translation. 1944.

2805 „*Cahier de telegrammes- textes reserves*". French naval 1931 to 1935.

2806 French naval to 1931-1935. „*Cahier de telegrammes - textes reserves*".

3001 German ref radio ops to 1941. Loose, flimsy papers typed in German. „*Radio personnel*".

3002-3003 German ref radio ops to 1942-43. Flimsy, loose papers in German. „*Wireless Personnel*".

3004,5,6,7 Correspondence ref foreign office Ref GAF Radio Ops. Loose, flimsy German papers.

3008 German ref radio ops. Foreign Office correpondence - appointments overseas. Envelope of loose German papers, some in telegram form.

3009 German Ref Radio Ops. Correspondence pers Zs personnel. Envelope of very flimsy German papers.

3010 Venezuela - code book with partly reconstructed diplomatic, undated with relative notes. Hard backed and very neat.

3011 Spanish 4 figure diplomatic hard backed code book. Printed and neat. Encode for 4 figure code. Key no 108, undated.

3012 „*Bolivten Schlvessel*". Bolivian Code Diplomatic. Worksheets (freq counts etc), photostats of a half dozen numbered Bolivian keys, two dated 1939; 3 Bolivian 5 letter encoded cables dated 1933. Folder with loose papers.

3014 Venzeualan code book diplomatic. Workbook of valves of 4 figure code. Very neat paper backed book.

3016 „*Brasilien B2*". Brazilian code book diplomatic. Work book for 5 letter code, including sheet of notes dated 20 Nov 1941. Very thick, hard backed book.

3017 „*Grundcode Brasilien*". Brazil code book diplomatic (workbook for 5 figure code with included sheet dated 1929). Hard back book neat and printed.

3018 „*Brasilien B1*". Brazilian B1. Brazilian code book diplomatic. Workbook for 5 letter

code, undated.

3019 ????

3020 *„Portugal 21328 code"*. Portugal code book, diplomatic. Workbook for 5 figure code. Soft back book, neatly catalogued.

3021 *„Bolivien Schlussel II"*. Two Bolivian msgs dated 1932, 1935 with free counts and partial decodes and several apparently complete keys. Old rusty ring binder with approx 30 pages.

3022 *„Portugal Gegacode 328, 352)"*. Portuguese partly filled encoder for 5 figure code. Hardback book with pencil entries.

3023 *„Portugal Grundcode"*. Portugal code book, diplomatic. Old hardback book, neatly catalogued. Partly filled workbook for 5 figure code with an additional sheet bearing date 1936.

3024 *„Portugal 21328 Code"*. Portugal codebook, diplomatic. Partly constructed workbook. Hard back book, fairly neat.

3026 *„Chile Konsularçode"*. Chile consular code. Note on book: Old 5 letter book, different key from ours. Partly constructed workbook for 5 letter codes. Neat hard back book.

3027 *„Port. Lab-Ldn"*. Portugal traffic diplomatic. Contains photostats of encoded telegrams 1942-43 from Lisbon to Portuguese Ambassador London (See 3028). Old binder.

3028 *„Portugal code book"*. Diplomatic. Practically unused workbook for 4 figure code (see 3029). Neat hard backed book.

3029 *„Port.1941-1942 ln-Lsb.Bd"*. Portugal traffic, diplomatic. Copies of telegramms exchanged between Portuguese Embassy Berlin & Lisbon. Old binder and printed loose papers.

3030 *„Chile-Solar"*. Chile Code Book, diplomatic. Much used workbook with two 1940 5 letter code messages clipped in back. Hard back cover, but flimsy pages.

3031 *„Guatemala"*. Guatemalan code book, diplomatic. Almost unused workbook, see 3032). Very neat.

3032 *„Guatemala"* Guatemalan traffic, diplomatic. Messages dated 1928-1934 to Guatemala from Berlin. (See 3031). Old binder, printed.

3033 *„YI (R7) In Geutung seit Anfang 1931 Buch 2"*. Italian codebook, diplomatic. Partly constructed 5 figure diplomatic. Complete workbook for 5 figure code. Valid since beginning of 1931. Hard backed book, neat.

3034 *„RII 1924-1930"*. Italian codebook, diplomatic. Partly used workbook for 5 figure code with list of messages in which specific figure groups have appeared. Hardbacked book, neat.

3035 *„R-A"*. Italian codebook, diplomatic. Partially reconstructed workbook for 5 figure code together with one photstat and 4 typed messages dated 1943 from Sarajevo to Rome. Very neat, hardback book with pencil entries.

3036 Italian - *„R.A. 1 Seiten Tabellen A-T, B-O, D-E, E-N, O-R, F-V, Reserve"*. Italy code tables. Neat folders. Six enclosed folders containing lists of trigrams and 3 figure groups dated July 1942.

3037 *„RA 1 Knostante Zalen Uberschlusselung lista l"*. Italian codebook, diplomatic. (Almost complete workbook for 5 letter code together with one photostat and 3 typed messages dated 1942-43. A4 size hardback book. Neat but pencil entries, fairly hard to read.

3038 *„K14"* Italian codebook, diplomatic. Partially reconstructed workbook 5 figure code including worksheet labelled E.L.3.4. and M.E.8, whole being undated. Hard back book, printed and with pencil entries.

3039 *„K20".* Italian codebook, diplomatic. Partially reconstructed 5 figure code book. Neat.

3040 Italian - *„K15 3 R 14".* Workbook for 5 figure code together with list of most frequently occurring words in systems K15 and K18. Neatly printed with hand written entries.

3041 *„P 2 1919-1920".* Italian codebook, diplomatic. Workbook and six messages dated 1928-29. From Rome to Berlin. Very old looking hardback book, with some handwritten entries difficult to read.

3042 Italian - *„P1 1919 Statistik II."* Workbook for 5 figure code. Hardback book. Partly reconstructed.

3043 Italian - *„AR 17 Mai 1937 (V.J.)*". 5 figure diplomatic. Hardbacked workbook for 5 figure code and three typed messages dated 1939, Romę - Berlin.

3044 *„AR 15 (1936) Buch Nr 1".* Italian codebook Diplomatic. Partly reconstructed 5 figure diplomatic - partially used workbook for 5 figure code.

3045 Italian - *„AR 25 VIII buch Nr 2".* Partially reconstructed workbook for 5 figure code, undated but approx 1936. The book is definitly showing the test of time.

3046 *„AR 29 St c 1936".* Italian codebook, diplomatic. Reconstructed 5 figure code workbook. Hardbacked and tatty. Also seen the test of time.

3047 *„AR 30(18) In Geltung Seit Dezember 1937".* Italian codebook diplomatic. Partially used workbook for 5 figure code. Valid from December 1937. Partly reconstructed hard backed book.

3048 Italian - *„1943 4 Stelliger ital Zahlen code Kompillert auf d.Grundlage von Butematerial. Verkehr: Madrid u die ital. Vertretungen in Spanien."* Italy code book diplomatic. Very neat, fairly thin. Folder with pencil entries. Partially used workbook for 4 figure code 1943. Italian 4 figure code compiled on basis of captured material used to Madrid and Italian representatives in Spain. See 3049.

3049 Envelope of loose papers. Italian Diplomatic traffic (messages and decodes 1943-44. Rome to Spain. See 3048.

3050 1938 Greek 4 figure code. Several A3 sheets of photocopies.

3052 *„GF Greek Code 4".* Greek code book diplomatic (partially reconstructed 4 figure consular code dated 1939). *„Sydney"* Hard back book.

3053 Japanese Diplomatic. Loose pages in folder.

3054 Japanese Diplomatic worksheets 1939. Folders with loose papers. 22 March 1939. See also 3053.

3055 Japanese *„Kenngruppen"* diplomatic worksheets 1939-40.

3056 Japanese Diplomatic cipher instructions 1939. *„48 Terminologie"* Folder with 3 loose pieces of paper.

3057 Envelope with Japanese diplomatic worksheets 1939. Misc worksheets *„J.B.48".*

3058 Japanese diplomatic worksheets 1939-41. Freq counts J.B.48). Folder with loose pencil script papers.

3059 *„Hans Kruger, Untersuchungen kur KG liste"*. Japanese diplomatic worksheets 1939. Research on Kenngruppen. Taken from the same bundle as 3053-3058, 60.

3063 Japanese diplomatic to 1935. Loose papers. See also 2193 & 3201).

3064 *„Japanese hib bearb"* Japanese diplomatic traffic 1936 & 38. Japanese diplomatic msgs - Oct 1936, 38 partially decoded. Working papers decoded first groups Dec 1936 traffic).

3065& 3084 Japanese diplomatic traffic. 1918-1943. Loose pages, pencil script and printed. Some in telegram form.

3066 Japanese diplomatic. *„JB. 17 Bearbeitung Parallelelen"*. Traffic to 1940. Loose pencil script papers in folder. Worksheets on Japanese Diplomatic traffic J.B.17. See 3065 for

traffic.

3068 *„J.B.14"* Japanese diplomatic msgs 1921, together with worksheets.

3073 - Photostats of Japanese Diplomatic traffic.

3086 - *„358 Varia 1-1195.“* Partial reconstruction of French 4/F code.

3087 - *„1 Varia 1".* Partial reconstruction of French 4/f cde.

3088 - Hard backed book. *„R4 Gegen code“.* Partial reconstruction of 5/F code - in alpahbetical form for encoding.

3089 - *„F, Berlin Eingange 1,1,32-31.12.35 (VolI)“.* Indexes of french traffic between Paris and Berlin in both directions.

3090 - *„Paris-Berlin Eingange 1.1.36-31.12.36 (Vol II)“.* Indexes of French traffic between Paris and Berlin in both directions.

3091 - Hard backed book. *„French Diplomatic codebook, III 1-500".* Partial reconstruction of 4/F code. Undated.

3092 - *„F. Eingange 1 Jan 1928 - 31 Dez 1931".* (In folder) Index of French traffic.

3093 - *„Nil“* Envelope containing worksheets on low-grade french cipher, from 1912-24 (approx).

3095 - Black folder. *„Journal 1937".* Index of French traffic T/F many cities.

3096 - Tatty hard backed book. *„358 Berlin“.* Workbook with partial reconstruction of 4F French code.

3098 - OTPS??????

3099 - Green binder with partially reconstructed 4F code, arranged alphabetically for encoding.

3100 - Tatty and with some loose pages. *„Akten der Coreparoc.“* Mainly worksheets relating to traffic (some decode in french) between representatives of Allied reparations Commission - period 1922-27.

3101 - (Loose papers in folder). *„E“.* Partial reconstruction of French 4 figure code - undated.

3102 - Loose papers in folder. *„Journal 1935".* Orange binder containing register of french traffic - numerous place names.

3103 - *„Franzos Eingange, April 1923 -“.* Index of French traffic.

3104 - *„Eingange“.* Register of French traffic - numerous routings.

3105 - Tatty documents, falling apart. *„F.Eing 1 Aug 1925-Jan 1932.“* Register of French traffic, Berlin to Paris.

3106 - Blue folder with worksheets for 4F code, occurrences only.

3107 - Blue folder with some loose pages. Worksheets dealing mainly with enciphered letter of captured French officer (1914-18).

3108 - Damaged binder traffic register, 1932 and 1934. Various destinations.

3116 - *„Por I“* Orange binder - Portuguese traffic Berlin-Lisbon, 1938-39. Also worksheets on 4L code occurrences only.

3118 - Folder with Spanish Diplomatic traffic.

3119 - Envelope with Spanish Diplomatic Traffic, 1944.

3121 - *„I 23.8.41 bis 29.9.44".* Spanish 4F traffic. Hard backed folder.

3122 - Envelope with Spanish Diplomatic traffic.

3123 - *„VI 1.12.44 bis 8.2.45".* Spanish 4F traffic.

3124 - *„Spanische Abkurzungen stand: Marz 1938.“* Abbreviations of Spanish Military terms.

3128 - *„68959 Berlin, Haag, Brussel.“* Brown book with partial reconstruction of figure code, plus several sheets of 5F traffic partly worked on and dated 1934-37.

3129 - Hard backed bound book. *„Port 257 1922".* Partial reconstruction of a number code, plus a few sheets of 5F traffic dated Jan 1932.

3130 - *„Port.Paris-Lissabon, okt 37-Sept-38".* Binder with 5F traffic, Paris to Lisabon also workbook.

3131 - Envelope with Portuguese figure traffic.
3132 - „*Port II 251-327*". Portuguese 5F traffic Lisbon-Paris and Berlin-Lisbon, May-June 1939.
3133 - „*Port III - 328 - 450*". Portuguese 5F traffic Lisbon-Paris and Berlin-Lisbon, June-Sept 1939. Binders.
3134 - Black folder with „*Port IV 451-600*". Portuguese 5F traffic Lisbon-Paris and Berlin-Lisbon. May 1939-Nov 1939.
3135 - „*Port 1.9.38 - 28.6.39*" Binder with 5F and 5L Portuguese traffic.
3136 - (Some loose pages) „*Portugal-Berlin-Lissabon, 1939-40*". Folder, green with 5F traffic plus workbook and loose worksheets.
3137 - Original book in good condition. „*Vocabulaire Telegraphoque du Ministere des Colonies - 1926.*" French 5L codebook.
3139 - Small notebook filled with (In pencil entries) 4F code groups and values in French and in no apparent order and no date.
3140 - Original booklet. Small French 4F codebook with no date.
3141 - Good condition. Bound workbook gives few occurrences only for 4F code and nodates.
3142 - „*FU1*". Orange workbook giving occurences only for 4F code with no date. In quite good condition.
3143 - „*FU2*" Orange workbook giving occurrences only for 4f code with no dates. (With neat pencil entries and in good condition).
3144 - „*FU3*" Orange workbook giving occurrences only for 4 F code, with no date. With pencil entries and in good condition.
3145 - With pencil entries and in good condition. „*FU 4*". Orange workbook giving occurrences only for 4F code and no date.
3146 - „*FU5*" Orange workbook giving occurrences only fr 4F code. No date. Good condition.
3147 - „*471 Berlin 1a-300e*". Partial reconstruction of French 4F code. With pencil entries and in fairly good condition.
3148 - „*NA5*" Partial reconstruction of french 4F code. Good condition with pencil entries.
3149 - „*C51*". Partial reconstructing French 4/F code, no date. Hard backed book.
3150 - „*1 Berlin*". Partial reconstruction of French 4 figure code. No date. Hard backed book.
3151 - „*360 Vari 1-*" Partially reconstructed French 4/F code, no date. Hard backed book.
3152 - „*R2*". Partially reconstructed French 4/F code. No date. Hard backed book.
3153 - „*3 Berlin 1-*". Partially reconstructed French 4/F code, no date. Hard backed book.
3154 - „*2 varia .1*" Partially reconstructed French 4/F code, no date. Hard backed book.
3156 - „C53.1-279". Partially reconstructed French 4/F code, no date. Hard backed book.
3157 - „*3 varia 1*" Partially reconstructed French 4/F code, no date. Hard backed book.
3158 - Partially reconstructed French 5/L code with few values. Also 2 messages (not decoded), dated Aug 1939. Hard backed book.
3159 - Envelope of decoded Chinese traffic (1929).
3168 - Kiwi code. Workbook. Hard backed book.
3172 - Japanese traffic and worksheets 1943. Papers loose in folder.
3173 - „*B.57*". Worksheets and stencils on Japanese code. Papers loose in folder.
3174 - Envelope of Japanese Diplomatic traffic.
3175 - „*Man*". Folder containing cipher shield, worksheets, articles on Man Chukuro code, correspondence re trade pact between Germany and Manchukio. (Papers loose in folder).
3176 - Japanese 5 letter traffic. Papers loose in folder.
3177 - „*Manch*". Japanese traffic 1942. Papers loose in folder.
3178 - „*J.B.56*". Japanese traffic and worksheets, 1943. Papers loose in folder.
3179 - „*J.B.56.*" Partially constructed codebook.

3181 - *„J.B.21-22".* Worksheets. Decoded Jap 5/L Diplomatic tels, 1924. Texts of Treaties, AM-Chinese and Anglo-Chinese. Papers loose in folder.
3184 - *„J.B.56 (ca) 61".* Worksheets on Japanese traffic. Papers loose in folder.
3186 - *„J.B.58 Kakak".* Worksheets on Kakak traffic. Papers loose in folder.
3187 - Japanese Diplomatic figure traffic + Manchukwo cipher June, July, Aug (1942).
3188 - *„J.B.59u 1941 Schluessel ka".* Worksheets on Japanese Kakaka code.Papers loose in folder.
3189 - *„J.B.59u 1941 Schluessel ga"* Japanese 5 letter traffic. Papers loose in folder.
3190 - Workboard B37. Hardbcaked.
3193 - *„J.B.Tafeln".* Contains worksheets JB 3, 10, 11, 25, 27, 29, 30-32, 34-40, 53.
3194 - Japanese Diplomatic worksheets on Fc 52-54 (in folder).
3195 - *„J.B.57".* Worksheets & codes (papers loose in folder).
3196 - *„J.B.57 Bd 3 1033 - 1276".* Volume of 2/L Japanese broken traffic, 1942. Hard backed book.
3197 - Japanese worksheets J.B. 41, 57, 47, 58, 60. Papers loose in folder.
3198 - Worksheets JB54 (in folder).
3199 - Worksheets on Irade, JB 1,3,4,7,10,11,13,15-18,20,23-28,30-34,38-46. Papers loose in folder.
3212 - *„J.B 59".* Worksheets on Japanese code. Messages fom Jap Ambassador at Ankara re British troop movements to 1941. Loose papers in folder.
3213 - *„Ecuador Cons-I".* 5 letter diplomatic traffic, undecoded. 21 Jan 1936 - 2 Dec 1942.
3214 - *„Ecuador Cons. II Alt."* Ecuador 5 letter traffic. 20 Feb 1943 - 23 Dec 1943.
3215 - *„Ecuador III".* Ecuadorian Diplomatic 5 letter traffic, undecoded. 27 Dec 1943 - 26 June 1944.
3216 - *„Ecuador Diplomatic traffic". „Ecuador IV".* Folder containing Ecuadorian 5 letter traffic, undecoded. 1 July 1944 - 31 Aug 1944
3219 - Poland Diplomatic traffic. *„DW Kompromise".* Two 4 letter messages, 1942 & 1943, undecoded; together with worksheets. Papers loose in folder.
3221 - *„Neu Eingegangere Tel".* Index of 4 letter code messages July 1943 Dec 1944, with keys. Polish Diplomatic code.
3222 - *„Russia, Diplomatic traffic".* Part of message, no date, undecoded. Papers in folder.
3224 - *„Poland Dip code."* A Treppen. Worksheets on Polish(?) Code. Papers loose in folder.
3229 - *„Poland(?) Diplomatic code".* Detailed index of traffic, 4 letter, with beginnings and in some cases endings. (Poss same nature as 3221). Papers loose in evelope.
3230 - *„Code, test worksheets."* Messages set out under headings: Moskit, Skorpion, Molte, Gluhwurmchen, Lebelle. Papers loose in folder.
3232 - Poland diplomatic code. Index of 4 letter traffic, arranged in alphabetical order according to a 4 letter group to each such designating group being attached to a list of occurrences. Papers loose in folder.
3233 - *„Hass".* Code, beginnings and endings. First and last lines of messages reproduced. Repeated groups underscored. National identity of code unknown. Papers loose in folder
3234 - Mathematics probability. *„B3 und B8 - Stucke."* Mimeographed tables and handwritten notes.
3236 - France Diplomatic code. *„Berlin 14".* Partially recovered 4 figure code, no date. Hard backed book.
3237 - France Diplomatic book. *„16".* Partially recovered 4 figure code, no date. (Same as 3238). Hard backed book.
3238 - France diplomatic code. *„Berlin 14".* Partially recovered 4 figure code, no date. Hard backed book.

3239 - France, Diplomatic code. *„16 1-3600".* Partially recovered 4 figure code, with occurrences. No date. Hard backed book.

3240 - *„France, Diplomatic code '16'".* Partially recovered 4 figure code with occurrences, no date. Hard backed book.

3241 - *„France, Diplomatic code '17'."* Partially recovered 4 figure code with occurrences, no date. Hard backed book.

3242 - *„France, Diplomatic '17'".* Partially recovered 4 figure code, no date. (Same as 3246). Hard backed book.

3243 - *„France, Diplomatic code '17'".* Partially recovered 4 figure code, no date. Hard backed book.

3244 - *„France, Diplomatic code '191' Ap".* Partially recovered 4 figure code, with occurrences, no date. Hard backed book.

3245 - *„France, Diplomatic code '19 RN'."* Partially recovered 4 figure code, no date.

3246 - *„France Diplomatic code '12 Fernost'.* Partially recovered 4 figure code, no date. (Same as 3247).

3247 - *„France Diplomatic Code '7'".* Partially recovered 4 figure code, no date. (Same as 3246).

3248 - *„France, Diplomatic code '9 Marine'".* Partially recovered 5 letter code with occurrences, no date.

3249 - *„France, Diplomatic code' 11 Nah osten."* Partially recovered 4 figure code with occurrences, no date.

3250 - *„France, Diplomatic code '12 Fernost'."* Partially recovered 4 figure code with occurrences; 2 decoded messages.

3251 - *„6 varia I 1-352."* 4/L code with occurrences , almost wholly recovered, undated.

3252 - *„4".* Partially recovered 4 figure code, undated.

3254 - *„5 Varia, 1-1900".* Partially recovered 4 figure code with occurences, no date. Same code as 5.

3255 - *„4 Bln.1-".* Partially recovered 4 figure code with occurrences, nodate.

3256 - *„Vesta".* Partially recovered 4 letter code with occurrences, no date. Hard backed book.

3253 - *„5".* Partially recovered 4 figure code, no date, same code as 5 varie.

3267 - German listing of Diplomatic addresses. (Roll of paper). Also a hardbacked book with some loose papes *„Dictionnaire Chiffre Francais."* Original Greek code, with phrases in French. Instructions in Greek with handwritten Geman translatipon. Dated 1930, but 1938 pencilled on fly-leaf - found with 3268-9. And a 1913 original book which is very delicate.

3268 - *„Pinakes Diples Kryptographeseos".* Original Greek substitution tables in 2 vls. Vol 1 - letter trigrams to figure trigrams. Hard backed book. & photocopies.

3269 - *„Pinakes Diples Kryptographesos".* Original Greek substitution tables in 2 vols. Vol 2 figure trigrams to letter trigrams. Hard backed book. (And photocopies).

3273-74 - German traffic 1925?

3275 - *„..French Naval cipher". „Franzos Marineverfahren I".* Blue folder containing photostatic copies of Clef RD5 with code RD12 and Clef RD6 with code RD13, dated 1925. Also typewritten report on the codes. Papers loose in folder.

3276 - *„..French Naval cipher". „Franzos, Marineverfahren II2."* Blue folder containing photostatic copies of Clef CDP no II2 with Code CDP5 and also typewritten report on CDP to II2, dated 1928.

3277 - *„French Naval copies". „Franzos Marineverfahren III".* Blue folder containing photostatic copy of Clef BDG 70 dated 1928 also typewritten report on Clef BDG 70."

Papers loose in folder.

3278 - *„French Naval cipher.“ „Franzos, marineverfahren IV“*. Blue folder containing photostatic copies of French anval keys dated 1928, Clef TBM No 5, Clef TBM6 with code TBM 50 or 51 also typewritten report on TBM No 5 and TBM No 6./

3279 - *„Report on system No 8"*. Translation of German articles on enciphering.

3280 - *„Numerurwerk“*. German cryptographic notes. Green folder containing notes by schauffer on the theory of a figure cipher system, dated 3 December 1928.

3281 - *„Geschichtliches material I verfahren der wach u suchfahrzeuge.“* Buff folder containing decoded British Naval traffic, 1915-18.

3282 - *„Geschichtliches material II. Allied Fleet code“*. Contains work on British Naval messages, 1915-18 and many notes.

3283 - *„Geschichliches material III zahlen-codes.“* British Anval code. Buff folder containing notes on British Naval 5 figure codes and some decoded messages. 1915-1916-1917-1918.

3284 - *„Geschlichtliches material IV Kleinee verkehre.“* Green folder containing notes of a various figure and letter cipher systems and a copy of the Admiralty war instructions for British Merchant ships (C.N. no 237), dated August 1916.

3285 - *„Geshrichtliches material v Handelschiffverkehr Heeverkehr.“* British Naval code. Green folder containing notes on various British naval and Army codes - 1916-1917-1918 and a copy of instructions for the use of a British Army French code - 1917.

3286 - *„British Naval code. Auxillary code Mittelmeer A.C.M.“* Red folder containing notes on a British Naval Code in use in the Mediterranean area, 1916.

3288 - Germany Diplomatic codes. Articles on German codes, 1919. Papers loose in folder.

3289 - Diplomatic traffic (photostats). *„Proben von funksprughen Besonders von T.Z 1917"*. 21 August 1945 (film 105).

3290 - *„Unterschung vorgeschlagner verfahren, GHQ.“* Articles on German codes, 1917. Loose papers in folder.

3291 - Germany Diplomatic codes. Article by schauffler on german code, 1928.

3292 - *„Berichte ueber die Loesung deutscher verfahren“*. Germany Diplomatic code. Articles on German code, 1919 Holzberger & 1917 Schauffer?

3293 - *„Berichte der Gruppe F.“* Italy Diplomatic codes. Articles on Italian codes, 1942. 6 folders within 1 folder.

3294 - Papers about *'Camouflaged secret writing'*, and a system used by the Germans in 1917.

3295 - General, commerical codes. Blue folder containing an article on the Alpha code by Paul Mudra and the list of holders of the New issue code. Folder also contains some French Diplomatic 4/F traffic, some of which has been decoded, and several worksheets. Papers loose in folder.

3297 - *„Cryptographic items for the files of the German Foreign Office, 1917 & 1923"*. In English. German originals of some of these documents e.g. Schauffler's paper on the Madrid systems in WWI, may be found in T3292. Papers in folder.

3298 - German descriptions of allied codes 1915-18. Papers loose in folder.

3299 - *„5 Berlin. 1901 -“*. Partially reconstructed 4/F code. Fragile hardbacked book.

3300 - *„17"*. Partially reconstructed 4/F code. No date. Fragile hardbacked book.

3303 - *„Uebersicht der Russischen Chi verfahren“*. Nov 1940-Mai 1945.

3304 - *„Lehrschrift. 'Funkaufklarung gegen sondertel - egrafreruefahren“*. Originals. Papers in envelope. Comprehensive report, addressed to Oberkommando des Heeres, on various types of enemy radio procedure, including morse (ordinary) and non-morse, radio-photogaphy, special telegraphic technicalities involved in each case. 59 typed pages plus several frequency and wave charts. Dated at Berlin 9 Dec 1944.

3309 - Original booklet, possibly containing code tables. *„Schlusseltafel serie 4766".*
3313 - Orignal book. *„B4" „Rundspruchtafel der polizei (R.d.P)".* Printed book: Police code with clear equivalents, groups 5001-9999. Code seems complete, though there are many gaps. Does not run alphabetically, undated.
3314 - Original booklet. *„Div-Handschlussel".*
3315 - ***X2 COPIES*** . Originals. *„Armee-Handschlussel."*
3316 -***X2 COPIES*** copy nos 9 & 11. *„Wehrmacht-Stas-Handschlussel Helmar Geheime Kommandosache".*
3317 - ***X2 COPIES.*** Copy nos 2 & 8. Original booklets. *„Wehrmacht-handschlussel".*
3318 - ***X2 COPIES***. Copy nos 11 & 12. Originals. *„Wehrm. Handschlussel Heimar."*
3319 - ***X2 COPIES***. Copy Nos 957 & 958. Originals. *„Wehrmacht-fernschreibspruchschlussel".*
3320 - ***X2 COPIES.*** Copy Nos 1363 & 1364. *„Wehrmacht-fernschreibspruchschlussel."*
3322 - *„Regiering in Minden."* Green file of correspondence relating to delivery of keys and orders concerning Police code W/T systems. Minden 1933-34. Received from SID, Paris. Papers in folder.
3323 - *„Regiering in Minden."* Yellow file containing instructions for Police W/T and ciphers, 1929-35. Receievd from SID, Paris. Loose pages in folder.
3324 - *„B44". „Regiering in Minden II."* Purple file concerning Police W/T procedure and organisation. Minden 1929/32. Received from S.I.D, Paris.
3325 - *„Bererchstarntafel (BTT VI) Heft 1 gultig ab 1.9.44. Heft 2 zur ereichstarntafel VI. Reich starntafel ls"* Nr 2. Gultig ab 1.4.44. Ref folder contining three separate lists of cover- names, with corresponding identities and meanings, for the use of radio and telegraphic police networks in wehrkreis VI. Dated Sept 1944 - Also lists of Reich cover names for communications of a special nature to to other parts of the Reich. Dated April 1944. Received from S.I.D., Paris.
3328 - *„Allgemaine Schlussel regeln fur die wehrmacht vom 13 Jan 1940."* General regulations for the use of keys. Dated 1940 Berlin. Received from S.I.D., Paris. Original booklet.

3329 - *„Gebrauchsanleitung fur die chiffriermaschine Enigma vom 12 Jan 1937."* Original booklet. Directions for using Enigma machine. Dated Berlin 1939. Received from S.I.D, Paris.
3330 - Original booklet. *„Schlusselanleitung zum Rasterschlussel 44 Ausgabe 27. Marz '44."* Received from S.I.D., Paris.
3331 - Original booklet. *„Ersatzworte fur den funkverkehr. Ausgabe Marz 1944."* Book of codewords for Luftwaffevidentities. Issued by Reichminister der Lufteharz and Oberbefehlshabe der Luftwaffe. Dated March '44. Received from S.I.D, Paris.
3332} - 4 envelopes. German Tunny wheel settings.
3333} - 4 printed envelopes. *„Wehrmacht-stas-Handschlussel Heimat Nr 132."*
3334 - ***X2 COPIES***. *„Wehrmachtfernschreib-Ersatz-Grundschlussel 1945/II."*
3336 - *„Wehrmacht-Fernschreigrundschlussel."* Envelope.
3337 - *„Wehrmacht-Fernschreigrundschlussel."* Tables in envelopes.
3338 - *„Wehrmacht-Fernschreibgrundschlussel."* Tables in envelope. Printed envelope.
3339 - *„Wehrmacht-Fernschreib-Erfakgrundschlussel 1945 II."* April-June 1945. Printed envelopes.
3340 - ***X2 COPIES.*** *„Wehrmach-Fernschreib-Erfakgrundschlussel 1945 II".* April-June 1945. Printed envelopes.
3341 - ***X2 COPIES.*** *„Wehrmacht-Fernschreib-Erfakgrundsschlussel 1945 II".* 30 Juni 1945. Printed envelopes.

3342 - „*Enigma unterlagen un Beirbeitung.*“ Description of and directions for the use of the Enigma cipher machine, together with newspaper cuttings containing articles about the same; also a report by Dr Schauffler on the security of the cipher machine, 1923-26. Received from Burgschendungen. With photographs and original directions.

3343 - „*R3ZC 1711*“. Partially reconstructed 3/F code, includes various ‘Boxes’ numbered M500 & 503.

3344 - „*RTT 1*“. Section of Russian call-sign enciphering tables. Tables in small folder.

3345 - „*E-Z. Ehalf?*“. List of Russian word patterns, undated. Received via OSS, Wiesbaden. Photostats.

3346 - „*---- 1800*“. Unidentified code partially reconstructed by the Germans. Russian. Received via OSS, Wiesbaden. Photostats.

3347 - Original and a copy. „*Parolentafel Nr 31(original bezeich-nung)*“. Bigrain recognition-code used by NKWD. Undated.

3348 - Registers of VNs beginning 1.1.31 - 31.12.32 and Sept 1934-Dec 1935, from Schliersee.

3349 - „*Geloste systeme.*“ German reconstructions of Russian 3 & 4/F codes used by various Army units.

3350 - „*Funkgerate der Roten Armee.*“ Catalogue of types of wireless sets used by the Red Army, with specifications.

3351 - „*Hern Dr Albricht, Hirschberg*“. Japanese decoded diplomatic traffic, 5 letter, 1944 addressed to Dr Albricht Hirschberg.

3352 - „*Postovoi kod snis seuernoco flota*“. Photostat copy of snis 2/F code 1940. (Russian). Received via OSS, Wiesbaden.

3353 - Notes in German concerning traffic analysis on 4 and 5/F Russian traffic. ie Procedure, preambles, W/T subordination, abbreviations, personalities etc.

3354 - „*Rufzeichen vom Netz 5 den Monat April 1945.*“ Callsign table for netz 5 for April 1945; also contains notes on NKWD Kommandator. Typed in German.

3356 - RZC - photostats of Russian logs.

3359 - Distinguishing prefixes found in the most important foreign Govt and service telegrams. Dated 24 Nov 1939. OkW/Chi archives.

3360 - List of international short wave W/T transmitters with callsigns, wavelengths and freqs. Dated 15 Jan ‘41. OkW/Chi archives. Fragile document with some loose pages.

3363 - Fragile document. Folder containing lists of C/S’s of German receiving stations, wavelengths used and times of working, arranged in various numbered groups. The instructions refer specifically to stations handling international diplomatic traffic which are to be kept under constant watch, and to others requiring monitoring at random times. Assignment operative form 5.2.45. Part of OkW Chi archives. Typed in German.

3364 - „*Empfangerleisting.*“ Fragile stained document. Folder containing records of names of German intercept operators, number and details of messages intercepted and number of shifts worked. Monthly stats dating from Dec 1943 - Feb 1945, with consolidated stats for 1939 and 41. OkW/Chi.

3369 - Diagram in colour showing allocation of world-wide intercept assignments to German intercept stations. 1 Aug 1942. OkW/Chi archives.

3375 - „*Airborne C-E.*“ „*CED-400.*“ Russian 4/F codes with index codes. Photostats.

3376 - „*Fernschreib-Grundschlussel sz 42.*“ Papers in small printed envelope.

3377 - „*Wehrmacht-fernschreib-Ersatzschlussel sz 40.*“ Fur Januar bis Marz 1945. Papers in printed envelope.

3378 - „*Wehrmacht-fernschreib-Ersatzschlussel sz 40.*“ Papers in printed envelope.

3379 - „*Wehrmacht-fernschreibschlussel sz 40.*“ Papers printed in envelope.

3381 - *„Spruchschlussel fur fu.fe verkehr sz 42.“* Papers in small printed envelope. Copy 340.
3382 - *„Spruchschlussel fur fu fe verkehr sz 42.“* Copy 350. Original book. Tables?
3387 - *„Inselkners Rhodos-Leros-Coo-fuer geheime u. Offene sprueche. Sonder-maschinenschlussel AHS.“*
3388 - *„Inselkreis hodos-Leros-Coo fuer g.kdos-sprueche.“ 'Sondemaschinenschlussel Aqn.'* Printed envelope.
3389 - *„Sonder-Maschinenschlussel.“* Printed envelope.
3390 - *„Sonder-Maschinenschlussel BHH.“* Printed envvelope.
3391 - *„Sonder-Maschinenschlussel.“* Printed envelope.
3392 - *„Sonder-Maschinenschlussel.“* Printed envelope.
3393 - *„Sonder-Maschinenschlussel.“* Printed envelope.
3394 - *„Sonder-Maschinenschlussel.“* Printed envelope.
3395 - *„Sonder-Maschinenschlussel.“* Printed envelope.
3399 - *„Luftwaften-Maschinenschlussel.“* Printed envelope.
3400 - *„Luftwaften-Maschinenschlussel.“* Printed envelope.
3401 - *„Luftwaffen-Maschinenschlussel.“* Printed envelope.
3402 - Japanese cipher tables. Whether its diplomatic, army etc is not apparent. No date. Received from Jap Embassy, Berlin.
3403 - Japanese cipher tables, with one strip of pencil notes (enciphering process?) No date. Taken from the Japanese Embassy in Berlin. Papers in envelope.
3404 - *„Anleitung zum chiffrierverfahren 'H' fuer wettermeldungen.“* German instructions for use of figure code for weather report from Japan to Germany with 12 additive tables. Received from Japanese Embassy, Berlin. Papers in envelope.
3405 - Japanese diplomatic tels in code and cipher. Some with solutions written in. Also cipher instructions. Various pre-war dates. Received from Japanese Embassy, Berlin. Hand written in Japanese. Secured in folder.

3406 - *„Funkspruche: ferdinand an wilheim.“* (Log of numbered German message texts, 1943-44, about non-morse tests.' Two words shown with transposition cipher equivalents. Document refered to in Ticom /I-97 repol. A small notebook with handwritten pencil script.
3407 - Loose papers in envelope. 5 figure code messages between German legislation, Lisbon and the German consulate, funchal, Madeira, covering the period 1941-45, with some decodes. Lists of figure groups and their meanings, and correspondence on the subject from the British consulate at fenchal to the British Embassy, Lisbon.
3411 - *„Feuerstein parants Dr Vierling.“* German patent specifications.
3412 - *„Feuerstein patente, Dr Vierling.“* Loose papers in folder.
3413 - *„Griese papers. Ring modulators. Proposals for Gleichlauf. Nomination of Dr Vierling to „Geheim sprech - u Telegraph - verfahren.“* Papers loose in folder, typed in German.
3414 - *„Beirhauer-Schornistenfeger etc.“* Miscellaneous correspondence. Typed in German, some loose pages.
3415 - *„Fernschreib, schlusselgerate.“* Notes on teleprinter cipher machines with diagrams (SK 42 with ZSK). Loose papes in folder. Typed in German.
3417 - Substitute cover - [the original was destroyed during an examination of Cat.B docs FOR DESPACH TO FCO. 22 March '78.]
3418 - *„Gleichlauf-synchronising.“* Graphs showing Gleichlauf-synchronisator.
3419 - *„Antennen, messungen,“* Misc notes on Antenna with graphs. Papers loose in folder. Some pencil handscript and some printed (copied) pages from a book.

3427 - „*Feuerstein Inventory.*“ Folder containing inventory sheets of equipment in the Vierling laboratory.
3428 - „*Breitbandubertrage.*“ Transormer broadband, vierling. Folder of maunscript on Broadband transformer. Pencil, handscript papers.
3429 - Folder containing documents and diagrams for calculating machine. Typed in German. Loose in folder.
3430 - „*Nachtfee Katze.*“ Pages loose in folder. File of documents on Radar set Nachtfee, fu.g.136.
3432 - Calculating machines, docs and diagrams relevant to a calculating machine. Papers loose in folder. Typed in German.
3433 - „*Wobbelung*“. Folder of diagrams and rough workings on Wobbulation. Papers loose in folder.
3458, 3459 & 3460 - Substitute covers (in German) [as the originals were destroyed during examinations of Cat B documents for despatch to FCO (23 March 1978).]
3461 - „*Hochspannungsgleichrichter. NWH 06748, 06749, 07344, 07837 (2 copies), 08024, 08025.*“ Seven folders of instructions for high voltage rectifiers issued by Phys-Techn.Ertwicklungslabor Munich. Received from Fuerstein.
3462 - „*Hochspannungsleichrichter NWH 60748, 06749, 07341, 07837 (2 copies) 08024, 08025.*“ Seven folders of instructions for high voltage rectifiers issued by Phys.Techn.Entwickhinglador Munich. Received from Fuerstein.
3463 - „*Hochspannungsleichter NWH 06748, 06749, 07341, 07837 (2 copies), 08024, 08021.*“ Seven folders of instructions for high voltage rectifiers issued by Phys-Techn.Entwicklunglabor, Munich. Received from Fuerstein.
3464 - „*Hochspannungsgleichrichter NWH 06748, 06749, 07341, 07837 (2 copies), 08024, 08028.*“
3474 - Japanese Naval Attache cipher tables 1945? From G-2 USFET.
3475 - Japanese 5 figure and 5 letter cipher diplomatic telegrammes 1945? From G-2 USFET.
3476 - Japanese military attache cables in letter cipher, 1945 from G-2 USFET.
3477 - Papers in envelope. Instructions - may 1940 for enciphering-reciphering and deciphering. French army 4-fig, code D.T. with envelope containing lists of figs to form indicators against days of month - April 1940. Two copies to all above, from Schliersee.
3478 - Papers in envelope. As T3477, but with indicator figure lists and instructions all the same date - 23 May 1940. From Schliersee.
3479 - „*Notice secrete concernant un seseau de postes raio-electriques emetteurs clandestins.*“
3480 - Papers in envelope. „*...L'emploi des abbreviations...nachine C36.*“ French army instructions on abbreviations to be used in enciphering with the C36 machine. April 1940. From Schliersee.
3481 - French Army instructions for secure enciphering with C36 machine, translated into German. Dated 5 June 1940 from Schliersee.
3482 - „*Peregovoranya tablitza voo (PT-Voso)*“. Russian army figure bigram tables, 1939, with instructions from Schliersee.
3483 - „*La section du chiffre de la Heeres-Abwehr-Abtg.*“ French notes, 1927, on personnel of the German cryptographic organisation, and some of its successes from Schliersee.
3484 - „*Uberschlusselungsverfahren zum Gebrauch mit dem code M.C.*“. Translations into German of French instructions (19 May 1940, replacing those of 10 April 1940), for use of figure code M.C. from Schliersee.
3485 - Correspondence etc of the German cipher organisation, immediately after the occupation of France 1940. From Schliersee.
3487 - „*Documents du chiffre a mettre en service dan le cas de la manoeuvre Belge.*“ French

army code docs for use in the *'Belgian operation.'* One date - 10 April 1940 from Schliersee. Fragile papers. Plus a photocopy.

3488 - *„(1) Instructions pour le service du chiffre dans les transmissins de l'armee. (2) Description et emploi de la cle 'TSF' et de la machine a chiffrier type 'Enigma'.“* Typewritten screed in French, obviously translated from German, about General army cipher instructions with notes on key *'TSF'* and *'Enigma'* cipher machine.

3491 - Letter, in French, 1924, about the handing over of a Hungarian code book to the French, from Schliersee.

3492 - *„(PSU(B)) System TTOBEAA.“* Probably predecessor to HS's Brooke 60- passed on civil Baudo in 1940s address.

3493 - Damaged delicate papers. German translation of instructions for the use of the Russian key *„Pobjeda“*. Dated 1942 from Schliersee.

3494 - Singed, delicate papers in folder. File of miscellaneous cryptanalytic correspondence passed between Berlin and Budapest. Dated 1935. From Schliersee.

3495 - Badly burned/singed logs. Cards containing lists of callsigns with frequencies. Undated from MI8.

3496 - Papers in envelope. Partly reconstructed code tables, some of which are badly burned. Undated from M.I.

3497 - A summary and signal prefixes for bit, wireless and flash light comms, etc. Dated 1945, from N.S.VI.

3498 - Collection of cipher material with instructions dated 1937 from Loanda. Papers in envelope - very delicate.

3499- Three folders of French correspondence and memos about the International Radio-telegraph conventions of 1912 and 1919. From Schliersee.

3500 - Book falling apart. *„Tangens-Tafel. Pruf Nr 194.“* Bound volume containing numerical cipher tables. Dated 1936, from Loada.

3501 - *„Clef.....des correspondeces des Partisans monarchistes viennois.“* Key for decyphering Viennese monarchist party of messages, pured for the French by an agent of the S.R., Vienna. August 1924 from Schliersee.

3505 - Papers in envelope. Cipher tables belonging to code 18, to be used on and after Sept 1936, from Schliersee.

3507 - *„Tableau de classement des formes de telegrammes de solme allemande.“* French table of types of German code and cipher messages. Jan 1940 from Schliersee.

3508 - Description of the Siemens teleprinter type of T52d. From Bung.Tiltman. Hard backed book.

3509 - Photostats. Poss Russian 5 fig code.

3510 - Papers in envelope. Cipher tels, some in figure, some in European letters, some in oriental characters, from Cairo, Baghdad, Beirut, Damascus and other Levantine cities; intercepted and with skeleton workings, by the French. Dates 1931, 32 - from the Schliersee.

3511 - Delicate papers. Correspondence of French army cipher organisation about interception of German army networks - 1922-23. From Schliersee.

3513 - *„Modification au dictionnaire K.V.“* French army cipher instructions, 1934 relating to dictionary K.V., with a dist list from Schliersee.

3518 - *„Instruction relative a l'organisation et au fonctionnement du service de la correspondence chiffree.“* French army cipher instructions 1941, replacing those of 3 Feb, 1936. In manuscript and not all legible. From Schliersee. See T3529.

3519 - *„Instruction relative a l'organisation et au fonctionement du service de la*

correspondence chiffree. Jere patie." French army cipher instructions March 1941, replacing those of November 1929 from Schliersee. T3511.

3520 - Fragile papers. „*Repetoire de chiffrage.*" French 4 figure codebook, 1916, encoding and decoding in one. From Schliersee.

3522 - „*Precede photographique M.B.31*". Technical French army notes on photographic processes, 1931. From Schliersee.

3523 - „*Codes Mauro.*" Figure codes Mauro, to be used jointly by France-Spanish contraband control, 1925; and correspondence relating thereto. Not all legible. From Schliersee.

3524 - Official French correspondence, 1928, on admission of Rumanian cryptographers to French cryptographic centre. From Schliersee.

3525 - Official French correspondence. 1928, on sharing of secret code with Belgian army staff, in case of mobilisation. From Schliersee.

3526 - Statement by French cipher section on results of work on German ciphers (1937); and on German, Italian, and Polish (1928). From Schliersee.

3527 - Letter 1927 from French cipher section on illicit German transmissions and possible increase in use of machine ciphers by German army and Police. From Schliersee.

3528 - „*Circulaire D.S.No 47.*" Serial numbers and dist of French Naval cipher documents. Issued by Darlan 1941 from Schliersee.

3529 - Papers in envelope. „*Section Technique.*" Official French file containing cavalry codes and relevant notes, 1925-27. From Schliersee.

3530 - French correspondence about radio links in the Middle East, 1925 from Schliersee.

3531 - French technical correspondence on use of Baudot apparatus in transmission, 1936. From Schliersee.

3532 - Fragile papers in envelope. Vichy Diplomatic letter cipher texts, April and May 1943. From Schliersee.

3533 - Letters, 1921, from the various French Military attaches to the French war office stating security measures taken in enciphering, from Schliersee.

3534 - Returns from French Embassies, etc - lists of all personnel in military attache staffs having access to dictionary K.V. 1924 from Schliersee.

3535 - Partial German reconstruction of Italian 5 letter codebook. Date not apparent from Schliersee.

3536 - Fragile papers. German report of work (1925) on the French Diplomatic code F21, from Schliersee.

3520 - Fragile papers. „*Repertoire de chiffrage.*" French 4 figure codebook, 1916, encoding and decoding in one. From Schliersee.

3521 - Papers in envelope. French army correspondence, 1925, about the introduction of T/P's; with a few pages of a German technical journal describing the POHLE apparatus , from Schliersee.

3537 - „*Code R.D. 12 avec ses corrections.*" French dip 4 figure code, with indicator tables, 1918. From Schliersee. Badly damaged, delicate document.

3539 - French Diplomatic figure cipher cables 1925-26, with German workings. From Schliersee. Delicate document.

3541 - „*Code type J.P.*" French military 4 fig codebook, for use between General Gamelin and the British war office, with instructions and telegramme keys dated Sept 1938 from Schliersee.

3542 - „*G.F.1.*" 4 figure codebook and instructions for use between General Gamelin and Finlaid, Feb 1940 from Schliersee.

3543 - Details of enciphering for messages between French authorities and the French mission

to the British Army in France, from Schliersee.

3544 - Very fragile papers in envelope. German workings on French Air Force keys, March and May 1939 from Schliersee.

3545 - *„G.C.1"*. French army 4 figure codebook of the Repertoire 1927 from Schliersee. See T3546 (G.C.1 bis).

3546 - *„G.C.1 bis"*. French army 4 figure codebook printed 1940. From Schliersee. See T3545 G.C.1.

3548 - *„Remarques sur le chiffre 18."* 4 figure French codebook, undated with few notes. Fragile papers.

3549 - Thick folder of French military 5 figure and 5 letter cipher traffic 1938-40, with considerable cryptanalytic workings , from Schliersee.

3550 - *„Procedes A, B, C."* Undated French notes on three different cipher systems.

3551 - *„Code A.T.M."* French 4 figure army codebook enciphering and deciphering. Original book. Fragile.

3552 - *„Code G.L.1"*. A 4 figure codebook and notes for use in messages between General Gamelin and French military mission in London. Very fragile papers.

3553 - Details of reciphering code M.P. (For use of Franco-Polish military mission and other notes, 16 April 1940. Fragile papers.

3554 - *„Procede F.R."*. Keys and other details of cipher for use of French military mission and other notes, 16 April 1940.

3555 - *„I.S.M.C.4"*. Book of 4 letter indicators for use in French Naval cipher messages. Dated Feb, 1940, with correction issued by Vichy 1941.

3556 - Swedish diplomatic letter cipher traffic between Sofia and Stockholm and some German workings. June 1943.

3557 - *„Clefs pour cryptographes V.F."*. French army letter bigram keys (for enciphering and reciphering) for 8 to 30 April 1940.

3558 - Undated French 4 figure codebook 99 pages, each with 100 groups. Delicate book in folder.

3559 - Fragile documents. *„Code de service 26(F23)"*. Worksheets done by the Germans on the above cipher system. Date possibly 1935-1936.

3560 - Reconstructed 4 fig codebook, undated. Fragile book.

3561 - Very fragile papers, badly stained. File of reports dealing with the W/T communications of the Allies 1914-18.

3562 - Delicate book. *„Clefs EXZO 50-60-70."* French Naval key tables , with envelopes containing keys 51-61-71, and a map of the world showing zones in which keys are to be used. September '41.

3563 - *„Code 112 (German name S4 ZCU)."* Spanish General purposes 4 fig codebook, undated. Not all legible.

3564 - Fragile document. Pages 43 to 85 (end) of a detailed French work on cryptanalysis, undated.

3565 - Very delicate book. French 4 figure codebook for encoding and decoding. Date 1908.

3566 - *„Manuel de cryptographie."* Manual giving instructions in the use of various cipher systems. Date 1942.

3567 - *„Chiffrement & Dechiffrement - Belgrade & P.R. 3."* Tables and 4 fig codebook for encoding and decoding traffic passed between the French Military Attache in Belgrade and the war Ministry, Paris. Dated 1940.

3570 - X3 folders. June 1938. Hagelin machine decrypts.

3571 - Bundle of fragile papers. Thick file of translated decodes passed between various

Jugoslav diplomatic representatives 1927, 1930-35.

3573 - Partially reconstructed 4 figure codebook. Undated.

3575 - „*Code vert f.31.*" Workbook on this code. Position on 1st Jan 1933.

3576 - Letters informing the French military Attache in Rome of a change of cipher systems. Dated 1939.

3577 - Files of docs dealing with the purchase by Governing depts of the small model Hagelin C-36 cipher machine. Dates 1935-40.

3578 - A 4 fig workbook, undated.

3579 - Correspondence ordering the replacement of key 68 with key 69. 1935-39.

3580 - Photostats in 11 folders. 1935? About Hagelin machines.

3583 - Fragile papers. Work on the various classes of cipher systems with worksheets and illustrations.

3584 - Fragile papers. Description of the Italian Radio station with numerous illustrations, 1935.

3585 - A number of 10 letter decoded messages passed between Rome and Italian diplomats throughout the world. 1933.

3586 - Part of completed 5 figure codebook, undated.

3589 - File of worksheets, dealing with various cipher processing, undated, fragile doc.

3590 - „*Chiffrant 'milatta'.*" A 5 figure codebook for encoding and decoding. Undated. Book falling apart.

3592 - „*Clef MAMO No 7.*" Key to be used when using the International code. April 1942.

3593 - „*Clef MAMO N 6.*" Key to be used when using the International code, January 1942. Fragile document.

3594 - „*ISMC-6*". List of indicators for use when transmitting cipher messages 1942.

3595 - „*Procedes D-40.*" Correspondence and key tables informing various depts of the decision to use key D-40 from 5 June 1940.

3596 - Lists of keys destroyed by cipher section before arrival of the Germans 1940.

3597 - Correspondence and additive tables for use with the cipher 1917 type .T. 1941.

3598 - „*Chiffrement - Brussels and P.R. 5 (2 copies). Dechiffrement*". Tables and 4 figure codebook for encoding and decoding traffic passed between the French Military Attache in Brussels and the war ministry, Paris dated 1927.

3599 - „*Chiffrement - London & P.R. 14 (2 copies) Dechiffrement*". Tables and 4 figure codebook for encoding and decoding traffic passed between the war ministry, Paris. Dated 1927 & 1940.

3600 - „*Chiffrement Athens & P.R.2. Dechiffrement.*" Tables and 4 figure codebook for encoding and decoding traffic passed between the French military Attache in Athena and the War Ministry, Paris. Dated 1940.

3601 - „*Chiffrement - The Hague & P.R.11. Dechiffrement.*" Tables and 4 figure codebook for encoding and decoding traffic passed between the French Military Attache in The Hague and the War Ministry, Paris, dated 1927.

3602 - „*Chiffrement - Oslo and P.R. 25 bis. Dechiffrement*". Tables and 4 figure codebook for encoding and decoding traffic passed between the French military Attache in Oslo and the War Ministry, Paris. Dated 1940.

3603 - „*Chiffrement - Dechiffrement - Cairo and P.R.12.*" Tables and 4 figure codebook for encoding and decoding traffic passed between the French Military Attache in Cairo and the War Ministry, Paris. Dated 1922.

3604 - „*Code de Service*". 5 letter tables for enciphering service messages. Modified 1 part. 3 variants for each meaning, undated. Schliersee.

3605 - *„Code de Service."* 3 figure tables for use in traffic between France and the Czechslovakian Republic, undated.
3606 - *„Code deService." 'Franco-Polonais.'* 3 figure tables for use in traffic between France and Poland. Undated.
3607 - Report by a Capt Dufilhol on his visit to the Czechoslovakian cipher section, 1937.
3608 - *„Langue Russe"*. Note D. A work on the Russian langauge in relation to cryptography, undated.
3610 - *„51"*. Partially reconstructed 4 figure French codebook, undated.
3611 - *„Losungsgang des F4zcuz90."* German notes (1937) on solution of French Army code F90. See 3612 from Schliersee. Fragile document.
3612 - *„F90"*. Thick folder of German workings and notes (Feb 1938) on French figure code F90. See 3611 fom Schliersee.
3613 - Folder of German findings and workings (1940) on French codes F137, F145. Also *„Additif"* (additive tables) to code RA (F110) from Schliersee.
3614 - (With translation). Very fragile original document. Records of shipments from the Austrian cipher bureau.
3615 - *„F4ZCUBT"*. German notes, 1931, on French code as above, used by the Defence Area HQs, from Schliersee.
3616 - Three folders of French army 3 letter code traffic, 1933, 34, with considerable workings, from Schliersee.

3617 - Folder of French figure and letter traffic (in cipher) 1923, 24 with German crypt - analytic workings and decodes written over some of the cipher messages, from Schliersee.
3618 - Belgian and Belgian Congo air and Army C/Ss in alphabetical order organised place names; with frequencies, undated. From Schliersee.
3619 - Correspondence authorising the use of clef zero *„B 4"* beginning on 5 November, 1939.
3620 - French army letter - bigram code traffic, 1932, 1934 - some partially decoded; with worksheets.
3623 - Delicate fragile papers in folder. Call-sign and frequency tables for use in 1940.
3625 - Handwritten notes on various cipher systems. Notes taken by Capt Hardy at a conference of *„Les ecoutes electriques et la telegraphie secrete."* Poss date 1930. Delicate doc in folder.
3626 - Reports on encoding messages transmitted from airships and planes 1911-13.
3631 - Instructions on the use of keys and indicators in the event of war 1939.
3632 - Delicate papers in envelope. Handwritten description of the large and small cipher machines, undated.
3633 - Some tables of figures and letters for use with the *'Code de Service'* T.S.F. 1938.
3636 - File of 5 letter messages from Djiboute-Paris, 1930-31. Delicate doc.
3637 - File of 4 figure and 4 letter messages passed between Paris and other French stations. Many have been worked on. Date 1931.
3638 - Correspondence dealing with the question of broadcasting the mobilisation order and of the use of radio communications in the Army 1912-14. Book falling apart.
3639 - *„F.C.S.10."* Partially reconstructed 3 figure codebook. Date 1927.
3640 - File of 3 letter messages, some of which have been broken, dated 1939. Very delicate document.
3641 - *„R3"*. 5 figure partially reconstructed Italian codebook, undated. Delicate doc.
3642 - *„R.I."* File of broken and unbroken Italian 5 figure and 5 letter messages with tables and worksheets. Dates 1925-28.
3643 - File of messages Haxikow (??) - Berlin, Hong Kong - Berlin, dated 1938.

3644 - *„R III"*. Partially reconstructed Italian 5 figure codebook, undated. Delicate document.
3646 - Partially reconstructed 5 figure Italian codebook together with some broken messages. Dated 1924.
3647 - 4 figure French codebook, dated 1940.
3648 - Worksheets on the F.C.S. 10 a key used by the French occupation forces, together with tables and notes on other French keys 1921-27.
3649 - French army - inter defence areas - figure traffic 1938,39, one with partial decodes written over.
3650 - *„F.100/Vat"* 10 Dec 1939. Lists of transposition keys, presumably for use with French system F110.
3652 - Correspondence dealing with distribution of cipher machines modele C.36 date 1939.
3653 - Fragile document. Some broken 5 figure French messages together with worksheets and tables, 1927.
3654 - *„Wurfel im 'Reseau Gonio'"*. File of 5 letter messages, many of them broken, for 1935 with a report in German on the French radio communications position 1935.
3655 - *„Carnet d'exploitation T.S.F."* Lists of trigrams for wireless communications (3 copies), dated 1939. Signed papers.
3656 - *„Carnet d'exploitation T.S.F."* Lists of trigrams for use in wireless communications (6 X copies) 1938.
3657 - Partially reconstructed Italian 5 figure codebook, undated.
3658 - File containing reports in German on French cipher systems, some 4 letter messages and some worksheets, 1937.
3659 - *„Akten IV."* File of worksheets and statistical material on the code F.C.S.10, possible date 1922.
3660 - File of 3 letter messages with a few worksheets, dated 1934.
3661 - Report in German on the decipherement of French codes used after the F90, together with worksheets on F135, dated 1939.
3664 - Report on the radio stations of the world with nine supplements, giving the callsigns of the same - dated 1934. Singed papers.
3666 - Work on Norwegian cipher systems A & B, undated.
3667 - *„Die Geheimschrift oder die kunst in chiffren zu schreien."* German translations of a French work dated 1918.
3668 - File of worksheets, a message in clear from Paris-Berlin 1939 and same tables. Damaged/delicate papers.
3669 - File of reports giving C/S, freqs and observations on the Polish secret radio stations throughout the world, 1944-45. Delicate document.
3670 - Some photostat sheets taken from three different Russian codebooks. Dated 1938 and 1941.
3672 - A photostat copy of Russian 5 figure re/encoding table no 477 used with code *„ME 4"* of the MKVD in Ukraine, Kiev, Odessa, Moscow.
3673 - A number of Swedish cipher tables to be used for cipher correspondence, possible date 1945. Delicate papers.
3676 - File of correspondence in Greek passed betweeen military units relating to the introduction of new keys and the destruction of old ones, 1940. Delicate document.
3677 - *„RIV."* Fle of broken 5 figure messages in Italian , 1932. Damaged book.
3677 - Small number of Swedish messages routing Stockholm-Swedish legation sofie, undated and written on forms with French and Russian headings. Delicate papers.
3678 - A 5 figure Italian workbook, started at the beginning of June 1926. Damaged book.
3679 - *„R.I"*. Italian notes and tables on the key T.L., undated. Delicate book.

3680 - 5 figure Italian codebook, almost completely reconstructed, undated. Delicate book.
3681 - „.....*Code de Service.*" German report on French cipher introduced into use in French occupied Germany in 1926, from Schliersee. Delicate papers.
3682 - French 4 letter cipher traffic (2 folders) with some decodes written - 1939, from Schliersee.
3683 - „*Code A.F.R.*" French army figure code (encoding & decoding), 1942, not surrendered to the Germans or Italians, from Schliersee.
3684 - „*F4ZCUW 110.*" German notes on the above French Defence area cipher (used from Feb 1938); with specimen traffic and its decodes, from the Schliersee.
3685 - Norwegian cryptanalytic workings on German 5 letter cipher messages dated 1939, from Schliersee. Singed papers in envelope and folders.
3687 - „*Chiffrieren mit Geraten und maschinen.*" 2 copies of a work by Dr .S. Turkel of Vienna on encoding by mechanical apparatus, date 1927. Book falling apart.
3688 - File for 4 and 5 letter French Diplomatic traffic with a few worksheets, 1934-40. Delicate, fragile, stained papers.
3689 - File of 4 letter French diplomatic traffic with a few worksheets, dated 1933-40. Fragile stained papers.
3690 - „*R3*". Partially reconstructed Italian 5 figure codebook. Probable date 1939. Damaged book.
3691 - File of letters exchanged between German cryptographers in Berlin, Rome and Budapest 1936-40. Fragile, stained papers.
3692 - Work in Norwegian on various cipher systems, undated.
3693 - A reconstructed Italian 5 figure codebook, undated. Damaged book.
3694 - Fragile/stained file of correspondence dealing with a cipher course, together with polems on simple & Double transposition, 1936.
3695 - Delicate, stained & fragile book. A partially constructed Italian 5 figure codebook with a small file of broken messages dated 1930.
3696 - Fragile document (with very old and rusty clasp). File of French 5 letter messages intercepted by the intercept station at Stuttgart 1930-31.
3697 - A book containing drawings of a cipher machine circuits, some photos of a machine and a handwritten description of the code A.F.R. Dated 1940. Fragile papers.
3698 - Original delicate booklet. „*Code D.T.*" A 4 figure codebook, dated 1939.
3699 - Original booklet. „*Code de service T.S.F.*" Instructions in the use of the above code on radio networks, 1926.
3700 - Original booklet. „*Code chiffre serie 67.*" 4 figure codebook series 67, undated.
3701 - Original booklet. „*Notice sur le systeme cryptographique modele 1923.*" Instructions for the use of key modele, 1923.
3702 - Original booklet. Instructions relating to the organistion and function of the cipher service, 1936.
3703 - Original booklet. Instructions on cipher methods to be adopted in lower formations, 1929.
3704 - Delicate, fragile, stained book. 5 figure German codebook.
3706 - Delicate book. „*F98 II eme partie.*" Partially reconstructed 4 figure codebook, undated.
3707 - Rusty, stained pages. File of 4 figure messages dated 1937, some of which have been worked on.
3708 - Stained, fragile book. Partly reconstructed 4 figure codebook, undated.
3709 - Keys for monthly use by vichy navy with pages of corrections 1941-42.
3710 - Fragile stained papers. Report on the cooperation between cryptographers and traffic analysts by Bauman of intercept station Trenenbriez, 1937.
3711 - „*Clef M.X.no 3.*" For use of Armistice commission, 1940.

3712 - Damaged, delicate, stained document. Worksheets and reports on substitution ciphers. Dates 1941,42 & 43.

3715 - File of correspondence and manuscripts passed between Yves Gylden, Sweden and the French Government concerning the publication in France of a work on a cryptography by Gylden 1930.

3716 - Document issued in 1921 by the German cipher office dealing with transpositions systems, from Schliersee.

3717 - Work done by the Germans on the following systems, *„F 51", „Code vert", „F32 Cut 37", „F10 BC"*. 1931. From Schliersee.

3719 - File of broken and unbroken 4 letter French diplomatic messages with worksheets, 1938-39, from Schliersee. Singed, stained, fragile papers.

3721 - Handwritten reports on Italian codes and ciphers from November 1938 - July 1939, from Schliersee.

3722 - Worksheets on the cipher system *„Coveparoc"* by the Germans - 1927 - from Schliersee. Tatty document document.

3723 - File of reports on the activities of German Radio Stations, 1923-26, from Schliersee.

3724 - File containing traffic, worksheets and a codebook serie 38 for use by the Belgian Army. Dates 1934-41, from Schliersee.

3725 - *„Von Abw I and Abw II."* File containing some 4 figure and 4 letter traffic, worksheets and 2 booklets giving cipher tables and instructions for modele 1924. Date 1938, from Schliersee. Delicate document.

3726 - *„Chiffratproben"*. Plans and notes for new settings of Enigma cipher-machine z4b656 with UMKEHRWALZE B - September 1943.

3728 - Partially reconstructed 4 figure codebook, undated, from Schliersee. Fragile stained document.

3729 - Partially constructed 4 figure codebook, 1933-35, from Schliersee. Document falling apart.

3730 - C/S tables for 1938-39 as in sed by French stations and interepted by Intercept station, Stuttgart, from Schliersee.

3731 - File of 5 letter messages Rome - Berlin, 1935, from Schliersee.

3732 - Two reports on interception of French and Spanish traffic by German intercept stations - 1938 - from Schliersee.

3733 - Two reports on interception of French and Spanish traffic by German Intercept Stations - 1938 - from Schliersee.

3734 - File of correspondence and reports passed between cryptographers in Berlin and Budapest - 1934-1935 , from Schliersee.

3735 - A 4 figure codebook with instructions in German and Hungarian, undated, from Schliersee.

3736 - Tables and instructions for use of *„M38"* - undated, from Schliersee.

3735 - A partially reconstructed codebook in Serbo-Croat, undated, from Schliersee.

3738 - 5 documents, describing and giving instructions on the use of a teleprinter cipher attachment - 1944 - from May. Tester.

3739 - Code tables for use by recce and fighter planes - 1943 - from N.S.VI.

3742 - Norwegian research on traffic. Worksheets, a few msgs and various cipher directions - 1940 - from Schliersee. Fragile, stained & singed papers.

3746 - A letter and a report from the commandant of the French forces in the Mediterranean to the cipher office, Paris, 1939, from Schliersee. Fragile, stained papers.

3748 - *„B.2"* Worktables on the B2 code, undated, from Schliersee.

3749 - *„Uberschlusselungen zu F3zc 23 u BT"*. Tables for recyphering codes F3ZC Z3 & BT.

Dates 1933-35, from Schliersee.

3750 - Articles by Yves Gylden, C.W.R. Hooker and Sir A Ewing on the cryptographic activities on the central powers 1914-18. Dated 1927, from Schliersee.

3752 - Telegraph code table, 2 figure, dated 1939, from Schliersee.

3753 - A few messages sent by Ambassador Romree, 1938. From Schliersee.

3754/5 - Local GAF codebook for Air Force vessels with directions for use, 1943, from RAF Pinwall. Hard backed books.

3760/1 - Local GAF R/T code for Air Force vessels with directions for use, 1943. From RAF Pinwall. Black hard backed books.

3764, 3765, 3768, 3769, 3770 - Papers bound together. Files of blue prints of Enigma cipher machines, included are a few prints by the firms of Kenski and Kruger and Ertel, Munchen - 1944.

3771 - Twelve files of blue prints of Enigma cipher machine, included are a few prints by the firms of Konski and Kruger and Ertel, Munchen, 1944.

3772 - Twelve files of blue prints of Enigma cipher machine, included are a few prints by the firms of Konski and Kruger and Ertel, Munchen, 1944.

3773 - Twelve files of blue prints of Enigma cipher machine, included are a few prints by the firms of Konski andkruger and Ertel, Munchen, 1944.

3744 - Bound files, with 12 files of blue prints of Enigma cipher machines, included are a few prints by the firms of Konski and Kruger and Ertel, Munchen, 1944.

3775 - Bound files of blue prints of Enigma cipher macjines, included are a few prints from the from the firms of Konski and Kruger.....Munchen 1944.

3776 - Envelope with 3 vols of code tables in numerical and alphabetical order, 1944, from MI8.

3777 - Envelope with lists of the Russia Air Force with covernames 1943-45 from MI8.

3778 - Three folders containing worksheets and a partially constructed codebook, 1944-45 from MI8.

3780 - 3X folders with worksheets from miscellaneous Russian codes (1-29), 1944-45, from MI8.

3781 - Folder file containing information on Russian aircraft and their activites, 1944, from MI8.

3782 - Envelope with 2 reports on a meeting that took place at LN Regt 353 on 23.9.44, from MI8.

3783 - Envelope. *„Feldpost Nummern"*. Booklet of the filed numbers of the s.U. fueger truppe, 1944, from MI8.

3784 - Folder with 4 German Sigint codes used by I/LN Regt 353-1945 from MI8.

3786 - File of reports issued by I/LN Regt 353 - 1945, from MI8.

3787 - File containing (a) code name (b) 3 fig code tables © personality list under FMNS-1945, from MI8.

3788 - File containing (a) code names (b) order of Battle of Flivos © personalities 1944-45, from MI8.

3789 - File of correspondece and cipher instructions relating to intercept stations lauf and Treunbrietzen, 1940-44, from Schliersee.

3790 - Envelope with *„Instandshaltungs Vorschrift Schlusselgerat 41."* Servicing instructions for the S.G.41. Taken from S.G.41, from S.A.C, 1945.

3791 - Envelope with notes on air R/T traffic on Northern and central fronts. (April 1945), From MI8.

3792 - envelope with list of code names and personalities 1945, from MI8.

3793 - Envelope containing file with (a) code names, (b) pilot's names by Fmns © Daily reports 12-19 April 1945, from MI8.

3794 - Russian file of codenames.
3795 - Folder with personalities of the 1,2,3,4,8,16 Air Armies KBF (Baltic Fleet Air Army) - 1945, from MI8.
3796 - Folder on report on and lists of callsigns used by long-range Bomber units - 1944 - from MI8.
3797 - Folde with TFC serial numbers and R/T codes - 1944 from MI8.
3798 - Folder of reports on (a) long-range bombers (b) order of battle © corps & Regt. Strengths - 1944 - from MI8.
3799 - Folder of personalities in alphabetical order, 1944, from MI8.
3800 - Folder containing file of „*Ertel*" Blue prints of cipher machines.
3801 - Folder with a file of blue prints of Enigma cipher machines made by Heimsoeth & Rinke.
3802 - File of blue prints of Enigma cipher machines made by Konski u Kruger.
3804 - Envelope with „*Description of d'un systeme cryptograhique a l'usage de armee.*" French army cipher notes, 1912 , from Schliersee.
3805 - Envelope with „Uittreksel uit het voorchrift Berichtenwisseling." Extracts frm Dutch army cipher notes, 1929. From Schliersee.
3807 - Any booklet on the use of codes and ciphers.
3808 - Envelope with decodes , 1940 of msgs to or from Vichy Diplomatic representatives in various countries, translated into German from Schliersee.
3809 - Envelope with decodes, 1940 msgs to or from Roumanian Diplomatic representatives in various countries, translated into German, from Schliersee.
3810 - Envelope with decodes of 1940 messages to or from Turkish Diplomatic representatives in various countries, translated into German, from the Schliesee.
3811 - Envelope with reports by German and Italian army commissions on joint discussions about their own ciphers and W/T communications, 1941, from Schliersee.
3812 - Folder with correspondence in German and Italian and progressed reports, exchanged between German and Italian cryptographers, 1940-41, on work done on diplomatic ciphers of: America, Brazil, France, Great Britain, Greece, Italy (recovered from France), Japan, Jugoslavia, Portugal, Roumania, Russia, Switzerland, Turkey, from Schliersee.
3813 - Envelope with „*The ADAMS Cable Codex*". General purposes code, published by Houghton, Boston, USA. No date. Code version only, from Schliersee.
3820 - Book falling apart. „*Seinboek voor de koninklijke marine-letter code*". Dutch Naval 3 letter code, 1933. 1 part code from Schliersee.
3821 - Book falling apart. „*Seinboek voor de koninklijke marine cijfercode - codeerdeel.*" Dutch naval figure codebook, 1933 0 encoding version. See Ticom doc 3822, from the Schliersee.
3822 - Book falling apart. „*Seinboek voor de koninklijke marine cijfercode - decodeerdeel.*" Dutch naval figure codebook, 1933 - decoding version. See T3821, from the Schliersee.
3823 - „*Zafer 6*". 100 page Turkish Diplomatic 4 figure codebook, undated. From the Hungarian Crypt Unit, Eggenfelden.
3831 - Long narrow book, written in pencil script. „*Tokio A und B (acebd)*".Partial reconstruction in pencil of undated Bulgarian 5 figure codebook. From the Hungarian Crypt Unit, Eggenfelden.
3832 - Long narrow book, written in pencil script. „*99911 B (acebd)*"*i*.Partial reconstruction in pencil of undated Bulgarian 5 figure codebook from the Hungarian crypt Unit, Eggenfelden.
3833 - Hard backed book. „*77711 eca +bd & cde + ab*". Partial reconstruction of undated Bulgarian 5 figure codebook from the Hungarian crypt unit, Eggen felden.
3834 - Hardbacked book. „*34555 Moszkva abcde*". Partial reconstruction of undated Bulgarian

5 figure codebook, from the Hungarian crypt unit, Eggen felden.

3835 - Spiral bound. Photostat copy of Bulgarian figure codebook, 1924, from the Hungarian crypt, unit - Eggenfelden. (X2)

3836 - Spiral bound. Photostat copy of Bulgarian figure codebook, 1924, from the Hungarian crypt unit, Eggenfelden.

3837 - „*a ce - bd*". Partial reconstruction of Bulgarian diplomatic 5 figure codebook. With few messages and decodes pencilled in. From the Hungarian crypt unit, Eggenfelden.

3838 - Large hard backed book. „*66677 es 67676 B-tabla*". Workings and partial reconstruction of Bulgarian 5 figure codebook (1933?), from the Hungarian crypt unit, Eggenfelden.

3839 - „*32100*". Workings and partial reconstruction of Bulgarian 5 figure codebook (1926?) From the Hungarian crypt unit, Eggen felden.

3840 - Envelope „*Rejtel-Segedlet*". Very general notes on code and cipher and cryptography in Hungarian, undated. Includes letter counts to depth of 100,000 letters of the fllowing languages: Hungarian, German, Roumania , Russia, Serbia, Croatia, Slovak, Czech from the Hungarian crypt, Egenfelden.

3842 - Envelope with „*Rejtel-Segedlet*". Very general notes on code and cipher and cryptography in Hungarian, undated. Includes letter freq counts to depth of 100,000 letters of the following langauges: Hungarian, German, Roumania, Russia, Serbia, Croatia, Slovak, Czech, from the Hungarian crypt unit, Eggenfelden.

3843 - „*Retjel-Segedlet*". Mostly general notes on code and cipher, and cryptography in Hungarian undated. Includes letter frequency counts to depth of 100,000 letters of following languages: Hungarian, Roumania, Russia, Surbia, cratia, Slovak, Czech, from the Hungarian crypt unit, Eggenfelden.

3844 - „*Dictionar cifrat*". Photostat of Roumanian figure codebook, 1931, from the Hungarian crypt unit, Eggenfelden.

3845 - Photostat copy of undated Roumanian figure codebook from the Hungarian crypt unit, Eggenfelden.

3846 - „....*code Grigorcea*". List of figure indicators with approriate transposition keys to Roumanian code stuza (headings in German). From the hungarian crypt unit, Eggenfelden.

3847 - „*Markanten zum code sturza*". List of figure indicators plus transposition keys, to undated Roumainan code stuvza (headings in german). From the Hungarian crypt unit, Eggenfelden.

3848 - „*Markanten zum code 'g Antonescu'*". List of figure indicators plus transposition keys to undated Roumainain code „g Antonesou." (Headings in German). From the Hungarian crypt unit, Eggenfelden.

3849 - „*C xx111 (zz)*". Slight reconstruction of Roumanian figure codebook. See T3850 from the Hungarian crypt unit, Eggenfelden.

3850 - „*[Markanten] zum code z.z*". List of figure indicators plus transposition keys to undated Roumanian code z.z. (Headings in German). See T3849 from the Hungarian crypt unit, Eggenfelden.

3851 - „*Roumanian Diplomatic code M.S. [Micheil Stundza]. Date circa 1940. Rumdi 3.*" Partial reconstruction of undated Roumanian figure codebook from the Hungarian crypt unit, Eggenfelden.

3852 - Hungarian register of diplomatic msgs 1937, with notes in Hungarian , presumably from decodes, from the Hungarian crypt.

3853 - „Belgique XYZ". Fragmentary workings on Belgian codebook, undated. From the Hungarian crypt unit, Eggenfelden.

3854 - *„Belgique II“*. Partially reconstructed Belgian Diplomatic codebook, undared from the Hungarian crypt unit, Eggenfelden.

3855 - *„Belga I“*: Complete reconstruction of undated Belgian diplomatic codebook with traffic register, workings and two cipher telegrammes, 1945?, wth decodes written in, from the Hungarian crypt unit, Eggenfelden.

3856 - *„Belgique B-1"*. Prtially reconstructed Belgian diplomatic codebook undated with register of messages, from the Hungarian Crypt unit, Eggen felden.

3857 - Tatty hard backed book. *„STA“* Partial reconstrcution of Vatican diplomatic code STA, as in T3858. With recipher table. No date from the Hungarian crypt unit, Eggenfelden.

3858 - *„STA + PCZ“*. Partial reconstruction of two vatican diplomatic codebooks, STA & PCZ, in one, with recipher tables. No date from the Hungarian crypt unit, Eggenfelden.

3859 - Hardbacked book „PCZ) Partial reconstructions of vatican diplomatic code PCZ, as in T3858. With recipher table. No date, from the Hungarian crypt unit, Eggenfelden.

3860 - Envelope with pencil worksheets on Vatican diplomatic codes STA and PCZ; and translations into german of notes on these codes, 1938-41. See T3858 from the Hungarian crypt unit, Eggenfelden.

3861 - Workings and partial reconstruction of undated Greek codebook from the hungarian crypt unit, Eggenfelden.

3862 - Hard backed book. *„Kryptographikon lexikon-B“*. Greek diplomatic 4 letter codebook, 1938; decode only. From the Hungarian crypt unit, Eggenfelden.

3863 - Hard backed book falling apart. Workings on 4 letter Greek codebook with 3 Diplomatic telegramme texts, 1945, in modern greek, from the Hungarian crypt unit, Eggenfelden.

3865 - Folder with the records 1931-43, of German-Hungarian collaboration on the breaking of Italian cryptographic systems. Considerable correspondence in German and workings. Also a translation into German of an Italian diplomatic telegram 1942, giving a cipher instructions from the Hungarian crypt unit, Eggen felden.

3866 - *„Tablak 1931-37"* Thick file of Italian diplomatic substitution (bigram) tables, together with a number of worksheets, from the Hungarian crypt unit, Eggenfelden.

3867 - *„Tablak 1937"*. Thick file of Italian Diplomatic bigram substitution tables with worksheets from the Hungarian crypt unit, Eggenfelden.

3869 - Notebook with undated Italian substitution code from the Hungarian crypt unit, Eggenfelden.

3870 - Envelope with brief notes in Hungarian on types of Bulgarian , Czech and Jugoslavian keys used 1921-35 from the Hungarian crypt unit, Eggenfelden.

3872 - A series of lectures on the radio communications of Great Britain, France, Holland and Belgium, dated 1939, from intercept station Meunster via MI8.

3873 - Hard backed book. A partially reconstructed figure codebook with French equivalents. F3ZCUBT23 appears on the second page, undated. From intercept station Meunstervia MI8.

3882 - *„Antentung fuer den e-dienst.“* Description of various cipher systems. Dated 1921 from Intercept Station Meunster via MI8.

3883 - (Papers bound in folder). Reports on the analysis of W.T. messages by Abt A3 (England) together with a list of aircraft types used by the RAF, Dated 1949 from Intercept Station Meunster via MI8.

3887 - (Loose papers in folder). File containing I-VIII of the publication of *„Richtlinien fuer Aufldaerung durch Nachtrichtermitted“* dated 1929 from Intercept Station - Meunster via MI8.

3889 - File containing diagrams of German Army Radio Networks, 1929.

3890 - Original notebook. „*H6 Satzbuch*". Copy of a 4 figure codebook for encoding and decoding, 1932.

3891 - Original notebook. „*H-Satzbuch*". Copy of a 4 figure codebook for encoding and decoding, May 1932.

3892 - Photostats in folder.Sigs organisations of Czech, Polish, Russian, Italian & French Armies.

3893 - (Loose papers in tatty folder). Description in German of the post-war development of the Signals organisation of the Belgian Army, 1938.

3894 - Homework in interception and signals organisation together with signal plans, dated 1937.

3895 - (Loose papers in envelope). Captured GAF Sigint Service document. Translaiton of a report on the composition of allied fighter and close-rapport units in England as at 1 April 1944, dated 5 April 1944.

3896 - (Loose papers in envelope). Captured GAF Sigint service docs. Translation of two reports on Allied shipping movements, in January & March of 1944.

3898 - Russian Radio Agents 1942. Collection of German Abwehr reports on Russian Radio Agents employed on the Eastern Front in 1942.

3899 - Russian Sigint Organisation from Keil Admiralty.

3900 - „*Wochen pirufungs strerfen*". Texts of German Naval Telegrams.

3901 - „*Lienien chlesung Holstein*". Texts of traffic from German ships Schlesung-Holstein.

3902 - „*Eunkverkehr.*" W/T traffic of German destroyer „Erich Steinbrinck „ 1941-43.

3903 - „*Nachtrichtenwesen U.K.*" UK traffic of German destroyer Erich Steinbrinck, 1941-43."

3904 - „*Verschiedenes*". W/T traffic of Flottenkommando kiel, 1939-40.

3905 - „*Schleswig-Holstein 1935-37*". Exercise logbook of German ship.

3906 - „*Verschiedenes*". Logobook of German ship „*Theodor Riedel*". 1939-40. (Book falling apart).

3907 - „*Verteilerplane*". Distribution lists of German Naval telegrams.

3908 - „*Verteiller und ferschreibnetz des ostscebeveiches.*" Admin details of Baltic Naval Teleprinter network.

3909 - List of German Merchant ships names.

3910 - „*Gebrauch sanweisung fuer der wehrmacht - fernschreib offizierspruch schluessel zur SM T52d.*" (Instructions for use of T5d).

3911 - (2 envelopes in 1 envelope). Daily reports by OkM on British shipping (1944) from Cmdr Tandy.

3912 - Russian cipher systems.

3913 1 ***AAE LE*** containing material dated 1937/39
E-ERT /5

3914 rown envelope containing hotostatic copy of ortuguese diplomatic letter number code. 1937 received from ***A TAL T***icom number ***T***1590

3915 ***L***arge book ticom number ***T***3127 very scanty reconstruction of a ortuguese figure code

3916 lue workbook on 4/ panish code (few values) ***T***itle p.306 ticom number ***T***1376

3917 lue workbook for 4/ panish diplomatic code ***T***itle 3.1339 ticom number ***T***1383